

# Master Tree and Shrub List



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| <u>Botanical Name</u>    | Common Name       | Mature<br>Height | Mature<br>Spread | Bloom Color   | Branching<br>Habit                                   | <u>Sun</u>                               | Water                                | Fall Color                  | Indiana<br>Native | Growth<br>Rate                          | Comments  |
|--------------------------|-------------------|------------------|------------------|---|--|--|--------------------------------------|-----------------------------|-------------------|---|---|
| Large Trees 40 ft. or g  | reater            |                  |                  |   |  |  |                                      |                             |                   |   |   |
| Abies concolor           | White Fir         | 40-70'           | 20-30'           | N/A   | Conical  | Full sun to<br>part shade                | Medium                               | Evergreen                   | No                | slow to<br>medium                       |   |
| Acer x freemanii         | Freeman Maple     | 40-55'           | 30-40'           | Greenish-yellow to red-rarely flowers                             | Varies from fastigiate to columnar to round-crowned  |  | Medium to wet                        | orange-red to scarlet-red   | Hybrid            | medium to                               |   |
| Acer nigrum              | Black Maple       | 60-80'           | 40-70'           | Greenish - April  | Upright-oval to rounded                              | Full sun to part shade                   | Medium                               | Showy yellow, orange or red | Yes               | slow                                    |   |
| Acer rubrum              | Red Maple         | 40-70'           | 30-50'           | Red, sometimes yellow - late<br>March or April                    | Irregular, Ovoid, or<br>Rounded                      | Full sun to part shade                   | Medium to<br>wet                     | Orange-red                  | Yes               | medium to<br>fast                       |   |
| Acer saccharum           | Sugar Maple       | 60-80'           | 40-70'           | Greenish - before leaves in<br>April<br>White with red or yellow  | Upright-oval to rounded, dense                       | Full sun to part shade                   | Medium                               | yellow, orange or red       | Yes               | slow                                    |   |
| Aesculus hippocastanum   | Horse Chestnut    | 50-75'           | 40-65'           | marking - flowering peak in mid-May                               | Upright-oval to rounded                              | Full sun to part shade                   | Medium                               | yellow and brown            | Yes               | medium                                  |   |
| Alnus glutinosa          | Black Alder       | 46-60'           | 20-40'           | Reddish brown (male) purple<br>(female) - March                   | weak to narrow                                       | Full sun to                              | Medium to                            | insignificant               | No                | fast in youth<br>slows with<br>maturity | invasive  |
| Betula nigra             | River Birch       | 40-70'           | 40-60'           | brown (male), green (female) -<br>around March                    | rounded, trunk<br>usually divided                    | Full sun to part shade                   | Medium to<br>wet                     | Yellowish                   | Yes               | medium to<br>fast                       |   |
| Carpinus betulus         | European hornbeam | 40-60'           | 40-60'           | Green - April   | oval-rounded to                                      | Full sun                                 | Medium                               | Yellow to yellow-<br>green  | No                | slow to<br>medium                       | D 1 1   |
| Carya cordiformis        | Bitternut Hickory | 50-80'           | 30-50'           | Green - April to May  | irregular, cylindrical crown                         | Full sun to<br>part shade<br>Full sun to | Medium to<br>wet                     | yellow-orange               | Yes               | medium                                  | Develop large<br>taproot<br>Develop large               |
| Carya glabra             | Pignut Hickory    | 50-80'           | 25-40'           | Yellowish-green - April to May                                    | regular open oval                                    | part shade                               | Medium                               | yellow-orange               | Yes               | medium                                  | taproot  Develop large                                  |
| Carya illinoinensis      | Northern Pecan    | 75-100'          | 40-70'           | Greenish yellow - April to May                                    | uniform, broadly oval                                | Full sun                                 | Medium<br>Medium to<br>wet, inhabits | Pale yellow                 | Yes               | medium                                  | Develop large   |
| Carya laciniosa          | Shellbark Hickory | 60-80'           | 40-60'           | Greenish yellow - April to May                                    | crown, high<br>branching                             | Full sun                                 | wet<br>bottomlands                   | Yellowish brown             |                   |   | taproot   |
| Carya ovata              | Shagbark Hickory  | 70-90'           | 50-70'           | Greenish yellow - April to May                                    | oblong crown,<br>straight trunk<br>narrow to broadly | Full sun to<br>part shade<br>Full sun to | Medium                               | Gold and showy              | Yes               | medium                                  | Develop large<br>taproot<br>Develop large               |
| Carya tomentosa          | Mockernut Hickory | 60-80'           | 40-60'           | Yellowish-green - April to May<br>Fragrant showy white with       | rounded  | part shade                               | Medium                               | yellow-orange               | Yes               | medium                                  | taproot   |
| Catalpa speciosa         | Northern Caltalpa | 40-70'           | 20-50'           | purple & yellow interior<br>spotting orchid-like - May to<br>June | narrow, open,<br>irregular, oval crown               | Full sun to part shade                   | Medium to                            | Undistinguished yellow      | Yes               | medium to<br>fast                       | Drops flower buds<br>in spring and seed<br>pods in fall |
| Celtis laevigata         | Sugar Hackberry   | 60-80'           | 60-80'           | Green - late April to early May                                   | rounded to broad<br>rounded, often<br>pendulous      | Full sun to part shade                   | Medium to wet                        | Undistinguished yellow      | Yes               | medium                                  | salt tolerant<br>recommended<br>street tree             |
| Celtis occidentalis      | Common Hackberry  | 60-80'           | 60-80'           | Green - late April to early May                                   | broad top of<br>ascending arching<br>branches        | Full sun to                              | Medium to wet                        | Undistinguished yellow      | Yes               | medium to fast                          | recommended<br>street tree                              |
| Cercidiphyllum japonicum | Katsura Tree      | 60-70'           | 40-50'           | N/A   | greatly variable                                     | Full sun to part shade                   | Medium to wet                        | Yellowish-red               | No                | medium to fast                          |   |
| Chamaecyparis obtusa     | Hinoki Cypress    | 50-75'           | 15-25'           | N/A   | 1  | Full sun to                              | Medium                               | Evergreen                   | No                | medium                                  | Slow growing landscape ornamental                       |

| <u>Botanical Name</u>                 | Common Name           | Mature<br>Height | Mature<br>Spread | Bloom Color   | Branching<br>Habit   | <u>Sun</u>             | Water            | Fall Color                    | Indiana<br>Native | Growth<br>Rate                             | Comments   |
|---------------------------------------|-----------------------|------------------|------------------|---|--|------------------------|------------------|-------------------------------|-------------------|--|--|
| Cladrastis kentukea (lutea)           | Yellowwood            | 30-50'           | 40-55'           | White, fragrant - early June                        | low branching,<br>broad, round<br>crown                                  | Full sun               | Medium           | Yellow-orange                 | Yes               | medium                                     |  |
| Corylus colurna                       | Turkish Filbert       | 40-80'           | 30-50'           | Yellow (male) - March to<br>April                   | broad pyramidal short trunk  | Full sun to part shade | Medium           | Reddish-purple                | No                | medium                                     |  |
| Diospyros virginiana                  | Persimmon             | 35-60'           | 25-35'           | White to greenish yellow -<br>May to June           | slender oval-<br>rounded crown,<br>symmetrical                           | Full sun to part shade | Dry to<br>medium | Yellow to red                 | Yes               | slow to<br>medium                          |  |
| Fagus grandifolia                     | American Beech        | 50-80'           | 40-80'           | Yellowish green - April or early                    | short trunk, wide spreading crown  | Full sun to            | Medium           | Golden bronze                 | Yes               | slow,<br>medium in<br>youth                |  |
| Fagus sylvatica                       | European Beech        | 80-115'          | 20-40'           | Yellowish green - April or early<br>May             | densely pyramidal to   | Full sun to part shade | Medium           | yellow, orange or red         | No                | slow to<br>medium                          |  |
| Ginkgo biloba                         | Maindenhair Tree      | 50-80'           | 30-40'           | Green - April to May                                | wide spreading, great variation  | Full sun               | Medium           | Yellow                        | No                | slow to<br>medium, fast<br>with fertilizer | Male tree only   |
| Gleditsia triacanthos variety inermis | Thornless Honeylocust | 60-80'           | 60-80'           | Greenish yellow - May to June                       | short trunk, open-<br>spreading and fine<br>textured                     | Full sun               | Medium           | Yellow                        | Yes               | fast                                       | Common for tree<br>to have die out in<br>the crown   |
| Gymnocladus dioicus                   | Kentucky Coffee Tree  | 60-80'           | 40-55'           | Greenish white - April to May                       | vertically ascending irregular branches, obovate crown                   | Full sun               | Medium           | Yellow                        | Yes               | slow to<br>medium                          |  |
| Juglans nigra                         | Black Walnut          | 75-100'          | 75-100'          | Yellowish green - May to June                       | high branching, oval<br>to rounded<br>somewhat open                      | Full sun               | Medium           | Fine yellow, early            | Yes               | medium                                     | branches don't start<br>till halfway up the<br>trunk or higher,<br>deep taproot,<br>release toxin into<br>ground that<br>prevents<br>understory growth |
| Juniperus virginiana                  | Eastern Red Cedar     | 30-65'           | 8-25'            | N/A   | variable from<br>columnar to broadly<br>pyramidal, pendulous<br>with age | Full sun               | Dry to medium    | Evergreen                     | Yes               | medium                                     |  |
| Larix decidua                         | European Larch        | 60-100'          | 20-30'           | N/A   | pyramidal, horizontal<br>branches and<br>drooping branchlets             | Full sun               | Medium           | Gold to brown                 | No                | medium, fast<br>in youth                   |  |
| Liquidambar styraciflua               | Sweetgum              | 60-80'           | 40-60'           | Yellow green - May                                  | oblong to rounded  | Full sun               | Medium           | Showy red, orange<br>& yellow | Yes               | medium to fast                             | drops numerous<br>spiked seed pods<br>in the fall  |
| Liriodendron tulipifera               | Tulip Tree            | 60-90'           | 30-50'           | Yellow with orange band - late<br>May thru mid June | oval-rounded   | Full sun               | Medium           | Pretty golden<br>yellow       | Yes               | fast                                       |  |
| Metasequoia glyptostroboides          | Dawn Redwood          | Over 200'        | 15-25'           | N/A   | feathery-pyramidal<br>to broad-rounded<br>crown                          | Full sun               | Medium to        | Brown                         | No                | very fast                                  |  |

|                         |                         |                  | <u> </u>         |  |  |             |                  |                                  |                   |                   |                                      |
|-------------------------|-------------------------|------------------|------------------|--|--|-------------|------------------|----------------------------------|-------------------|-------------------|--------------------------------------|
| <u>Botanical Name</u>   | Common Name             | Mature<br>Height | Mature<br>Spread | Bloom Color  | Branching<br>Habit                     | <u>Sun</u>  | Water            | Fall Color                       | Indiana<br>Native | Growth<br>Rate    | Comments                             |
|                         |                         |                  |                  |  | irregularly rounded                    | Full sun to | Medium to        |                                  | Yes               | slow to<br>medium | will not tolerate<br>heavy pollution |
| Nyssa sylvatica         | Black Gum, Black Tupelo | 30-50'           | 20-30'           | Greenish-white - May to June                                     |  | part shade  | wet              | Scarlet red                      |                   | - Incurum         | neuvy ponunon                        |
|                         |                         |                  |                  | Yellowish-green - May and  | broad spreading,<br>short trunk, open  |             |                  |                                  | No                | dixus             | female plants can                    |
| Phellodendron amurense  | Amur Corktree           | 30-45'           | 30-60'           | early June   | rounded crown                          | Full sun    | Medium           | Yellow                           | NO                | medium            | become invasive                      |
| Thenodendron amarense   | Amur Corkirec           | 30 43            | 30 00            | carry suric  | Todrided crown                         | i uli suli  | iviculum         | TCIIOW                           |                   |                   |                                      |
|                         |                         |                  |                  |  | pyramidal with                         |             |                  |                                  | No                | medium to         |                                      |
| Picea abies             | Norway Spruce           | 40-60'           | 25-30'           | N/A  | pendulous branches                     | Full sun    | Medium           | Evergreen                        |                   | fast              |                                      |
|                         |                         |                  |                  |  |  |             |                  |                                  |                   |                   |                                      |
|                         |                         |                  |                  |  | tall, fairly narrow                    |             |                  |                                  | No                | medium            |                                      |
|                         |                         |                  | _                |  | dense spire, compact                   |             |                  |                                  | 140               | incurum           |                                      |
| Picea glauca            | White Spruce            | 46-60'           | 10-20'           | N/A  | and regular                            | Full sun    | Medium           | Evergreen                        |                   |                   |                                      |
|                         |                         |                  |                  |  | very slender trunk,<br>narrow to broad | Full sun to |                  |                                  | No                | slow to           |                                      |
| Picea omorika           | Serbian Spruce          | 40-60'           | 15-20'           | N/A  | pyramidal                              | part shade  | Medium           | Evergreen                        | NO                | medium            |                                      |
| ricea omorika           | Serbian Spruce          | 40-00            | 13-20            | IN/A   | dense, regular                         | part snaue  | ivieuluiii       | Lveigieen                        |                   |                   | Seceptable to                        |
|                         |                         |                  |                  |  | narrow to broad                        |             |                  |                                  | No                | slow to           | bagworm                              |
| Picea pungens           | Colorado Spruce         | 30-60'           | 10-20'           | N/A  | pyramid                                | Full sun    | Medium           | Evergreen                        | 110               | medium            | infestation                          |
|                         |                         |                  |                  | ,  |  |             |                  |                                  |                   |                   |                                      |
|                         |                         |                  |                  |  | dense, pyramidal                       |             |                  |                                  | NT-               | 45                | Seceptable to                        |
|                         |                         |                  |                  |  | with spreading                         |             |                  |                                  | No                | medium            | bagworm                              |
| Picea pungens 'Hoopsii' | Hoopsii Colorado Spruce | 30-50'           | 15-20'           | N/A  | branches. Glaucous                     | Full sun    | Medium           | Evergreen                        |                   |                   | infestation                          |
|                         |                         |                  |                  |  | pyramidal to                           |             |                  |                                  |                   |                   |                                      |
|                         |                         |                  |                  |  | rounded, can be flat-                  |             |                  |                                  | No                | slow              | Multi-trunk                          |
|                         |                         |                  |                  |  | topped and broad-                      |             |                  |                                  | 1                 |                   |                                      |
| Pinus bungeana          | Lacebark Pine           | 30-50'           | 20-35'           | N/A  | spreading                              | Full sun    | Medium           | Evergreen                        |                   |                   |                                      |
|                         |                         |                  |                  |  | symmetrical soft                       | Full sun to |                  |                                  | Yes               | one of the        |                                      |
| Pinus strobus           | Eastern White Pine      | 50-80'           | 20-40'           | N/A  | pyramid                                | part shade  | Medium           | Evergreen                        | ies               | fastest pines     |                                      |
| Filius strobus          | Lastern writte rine     | 30-80            | 20-40            | IN/A   | picturesque, open,                     | part snaue  | Mediaiii         | Lveigieen                        |                   |                   |                                      |
|                         |                         |                  |                  |  | wide-spreading and                     |             |                  |                                  |                   | medium when       |                                      |
|                         |                         |                  |                  |  | flat or round-topped,                  |             |                  |                                  | No                | young, slow       |                                      |
|                         |                         |                  |                  |  | almost umbrella                        |             |                  |                                  |                   | with age          |                                      |
| Pinus sylvestris        | Scots Pine              | 30-60'           | 30-40'           | N/A  | shaped                                 | Full sun    | Medium           | Evergreen                        |                   | _                 |                                      |
|                         |                         |                  |                  | Yellow (male) red - (female) -                                   | wide-spreading open,                   |             | Medium to        |                                  | Hybrid            | medium            |                                      |
| Platanus x acerifolia   | London Planetree        | 75-100'          | 60-75'           | April  | irregular                              | Full sun    | wet              | Yellow brown                     | Hybrid            |                   |                                      |
| <b>.</b>                |                         | 75 406'          | 75 400'          | Yellow (male) red - (female) -                                   | wide-spreading open,                   |             | Medium to        | V II I                           | Yes               | medium to         |                                      |
| Platanus occidentalis   | Sycamore                | 75-100'          | 75-100'          | late March   | irregular                              | Full sun    | wet<br>Medium to | Yellow brown                     |                   | fast              |                                      |
| Pseudotsuga menziesii   | Douglas Fir             | 40-80'           | 12-20'           | N/A  | open, spired pyramid                   | Full sup    | wet              | Evergreen                        | No                | medium            |                                      |
| rseudotsuga menziesii   | Douglas Fil             | 40-60            | 12-20            | IN/A   | open, spired pyraniu                   | ruii Suii   | wet              | Evergreen                        |                   |                   |                                      |
|                         |                         |                  |                  |  | upright-rounded to                     |             |                  |                                  |                   |                   |                                      |
|                         |                         |                  |                  |  | broad-rounded with                     |             |                  |                                  | Yes               | slow to           |                                      |
|                         |                         |                  |                  | Yellowish green, insignificant,                                  | wide-spreading                         |             | Dry to           | Striking reddish &               |                   | medium            |                                      |
| Quercus alba            | White Oak               | 50-80'           | 50-80'           | messy - May  | branches                               | Full sun    | medium           | purplish                         |                   |                   |                                      |
|                         |                         |                  |                  |  | broad, open, round-                    |             |                  | Yellow,                          |                   | slow to           |                                      |
|                         |                         |                  |                  |  | topped crown.                          |             | Dry to           | sometimes                        | Yes               | medium            |                                      |
| Quercus bicolor         | Swamp White Oak         | 50-60'           | 50-60'           | Yellowish-green - May  | Short, limby trunk                     | Full sun    | medium           | reddish purple                   |                   | carum             |                                      |
|                         |                         |                  |                  |  | broad-rounded to                       |             | 1                | variable for                     |                   |                   |                                      |
|                         |                         |                  |                  |  | upright-oval. Drooping lower           |             |                  | variable from<br>yellow-brown to | Yes               | slow to           |                                      |
| Ouercus imbrigaria      | Shingle Oak             | 40 60'           | 40.60'           | Vallowich groon massy \$4  | lateral branches                       | Full cum    | Modium           |                                  |                   | medium            |                                      |
| Quercus imbricaria      | Shingle Oak             | 40-60'           | 40-60'           | Yellowish-green, messy - May<br>Yellowish green, insignificant - | iateral pranches                       | Full sun    | Medium<br>Dry to | red-brown                        |                   | +                 |                                      |
| Quercus macrocarpa      | Bur Oak                 | 60-80'           | 60-80'           | April to May   | pyramidal to oval                      | Full sun    | medium           | Copper                           | Yes               | slow              |                                      |
| Quereus macrocarpa      | Dai Oak                 | 100 00           | 00 00            | proprie to ividy   | IP7 a i i i i u u i u u va i           | i un sull   | Imcaialli        | Соррсі                           | 1                 | L                 | I                                    |

| Botanical Name        | Common Name                  | Mature<br>Height |        | Bloom Color                                      | Branching<br>Habit  | <u>Sun</u>                | Water            | Fall Color                | Indiana<br>Native | Growth<br>Rate           | Comments  |
|-----------------------|------------------------------|------------------|--------|--|---|---------------------------|------------------|---------------------------|-------------------|--------------------------|---|
|                       |                              |                  |        | Yellowish green, insignificant,                  |   |                           | Dry to           | Showy yellow &            | Yes               | medium in<br>youth, slow |   |
| Quercus muehlenbergii | Chinkapin Oak                | 40-60'           | 50-60' | messy - May                                      | open, rounded   | Full sun                  | medium           | long lasting              | 168               | with age                 |   |
|                       | ·                            |                  |        | Yellowish green, insignificant,                  | dense, oblong-oval to   |                           | Dry to           |                           | No                | medium                   |   |
| Quercus phellos       | Willow Oak                   | 40-75'           | 25-50' | messy - May                                      | rounded crown   | Full sun                  | medium           | Yellow brown              | 140               |                          |   |
| Quarcus prinus        | Chestnut Oak                 | 50-70'           | 50-70' | Yellowish-green, messy - May                     | rounded and relatively dense  | Full sun                  | Dry to<br>medium | Yellow brown              | Yes               | slow to<br>medium        |   |
| Quercus prinus        | Chestilut Oak                | 30-70            | 30-70  | reliowish-green, messy - way                     | relatively delise   | ruii Suii                 | medium           | Tellow brown              |                   | fast if in rich          |   |
|                       |                              |                  |        | Yellowish green, insignificant -                 | round-topped and  |                           | Dry to           |                           | Yes               | moist well-              |   |
| Quercus rubra         | Red Oak                      | 50-75'           | 50-75' | May  | symmetrical   | Full sun                  | medium           | Dark red, showy           |                   | drained soil             |   |
| Quercus shumardii     | Schumard Oak                 | 40-60'           | 30-40' | Greenish, messy - May                            | broad open crown  | Full sun                  | Dry to<br>medium | Brownish red              | Yes               | medium to<br>fast        |   |
| Quercus situitiaruii  | Schumaru Oak                 | 40-00            | 30-40  | Greenish, messy - way                            | globular, spreading   | i uli suli                | Dry to           | biowilishired             |                   | slow to                  |   |
| Quercus velutina      | Black Oak                    | 50-60'           | 50-60' | Yellow-green, messy - May                        | crown   | Full sun                  | medium           | Orange to red             | Yes               | medium                   |   |
| Sassafras albidum     | Sassafras                    | 30-60'           | 25-40' | Greenish-yellow - early May                      | flat-topped, irregular,<br>round-oblong crown<br>upright-spreading,       | Full sun to part shade    | Medium           | Yellow red and purple     | Yes               | medium to<br>fast        |   |
| Sophora japonica      | Japanese Pagoda Tree         | 50-75'           | 50-75' | White, slightly fragrant -<br>August             | broadly rounded crown   | Full sun to part shade    | Medium           | Insignificant             | No                | medium to<br>fast        |   |
| Taxodium distichum    | Bald Cypress                 | 50-75'           | 20-45' | N/A  | slender, pyramidal.<br>Flat-topped and<br>picturesque in age              | Full sun                  | Medium to wet    | Cinnamon<br>brownish      | No                | medium                   |   |
| Tilia cordata         | Little Leaf Linden           | 50-70'           | 35-50' | Pale yellow, fragrant - late<br>June, early July | upright-oval to pyramidal-rounded   | Full sun to part shade    | Medium           | Pale green to pale yellow | No                | medium                   | Bees attracted to<br>flowers, also<br>attract japanese<br>beetles |
| Tilia tomentosa       | Silver Linden                | 50-70'           | 30-50' | Pale yellow, fragrant - late<br>June, early July | upright-oval to pyramidal-rounded   | Full sun to part shade    | Dry to<br>medium | Pale green to pale yellow | No                | medium                   | Bees attracted to<br>flowers, also<br>attract japanese<br>beetles |
| Tilia x euchlora      | Crimean Linden               | 40-60'           | 20-30' | Pale yellowish-white - July                      | upright-oval to<br>pyramidal-rounded,<br>lower branches skirt<br>groung   | Full sun to<br>part shade | Medium           | Pale green to pale yellow | Hybrid            | slow to<br>medium        | Bees attracted to<br>flowers, also<br>attract japanese<br>beetles |
| Tsuga canadensis      | Canadian Hemlock             | 40-70'           | 25-35' | N/A  | pendulously pyrmidal  | Part shade                | Medium           | Evergreen                 | No                | medium                   |   |
| Ulmus parvifolia      | Accolade * Elm, Lacebark Elm | 40-50'           | 25-40' | Reddish Green - August to<br>September           | round-headed and<br>pendulous to upright-<br>spreading. Much<br>variation |                           | Medium           | Orange-Red                | No                | medium to                | Replacement for<br>the American Elm-<br>DED resitant              |
| Zelkova serrata       | Japanese Zelkova             | 50-80'           | 50-80' | Green - April                                    | low-branched, vase-<br>shaped with<br>ascending branches                  | Full sun                  | Medium           | Red                       | No                | medium, fast<br>in youth | Similar to the Elms listed above                                  |
| Medium Trees 25 to 4  | 0 ft.                        |                  |        |  |   |                           |                  |                           |                   |                          |   |
| Acer buergerianum     | Trident Maple                | 20-30'           | 20-30' | Greenish-yellow - April to May with leaves       | distinctly oval-<br>rounded to round                                      | Full sun to part shade    | Medium           | Dark red and orange       | No                | slow to<br>medium        |   |
|                       |                              |                  |        |  | rounded and dense,<br>often branched to                                   | Full sun to               |                  |                           | No                | slow                     |   |
| Acer campestre        | Hedge Maple                  | 20-35'           | 25-35' | Yellowish-green - May                            | ground  | part shade                | Medium           | Yellow                    |                   |                          |   |

| Botanical Name                            | Common Name                       | Mature<br>Height |                  | Bloom Color   | Branching<br>Habit  | <u>Sun</u>                | <u>Water</u>     | Fall Color                  | Indiana<br>Native | Growth<br>Rate            | Comments  |
|---|-----------------------------------|------------------|------------------|---|---|---------------------------|------------------|-----------------------------|-------------------|---------------------------|---|
| Acce movim oviceionum                     | Nikka Manla                       | 20.45            | 20.45            | Velley May  | vase-shaped, round-<br>headed   |                           | Madium           | Dad                         | No                | slow                      |   |
| Acer maximowiczianum  Acer triflorum      | Nikko Maple  Three-Flowered Maple | 30-45'<br>25-30' | 30-45'<br>25-30' | Yellow - May  Greenish-yellow - April                   | upright-spreading to<br>full, dense, and<br>round-headed                              | Full sun to part shade    | Medium<br>Medium | Red Orange-red              | No                | slow                      |   |
| Aesculus x carnea                         | Red Horse Chestnut                | 30-40'           | 25-35'           | Red - May to June                                       | rounded to broad-rounded  | Full sun to<br>part shade | Medium           | Undistinguished             | Hybrid            | medium                    | Husk of Chestnut<br>covered in needle-<br>sharp thorns                                  |
| Carpinus caroliniana                      | American Hornbeam                 | 20-30'           | 20-35'           | Green - April   | multi-stemmed, wide-<br>spreading, flat or<br>round-topped (often<br>irregular) crown |                           | Medium           | Yellow, orange red          | Yes               | slow                      |   |
| ·   |                                   |                  |                  | ·   | broad-rounded, low-   |                           |                  |                             |                   | slow to                   |   |
| Crataegus crus-galli                      | Cockspur Hawthorn                 | 25-35'           | 25-35'           | White, odorous - May  White - early June, short         | broadly oval to   | Full sun                  | Medium           | Yellow-orange-red           | NO                | fast when<br>young, slows |   |
| Crataegus phaenopyrum                     | Washington Hawthorn               | 25-30'           | 25-30'           | bloom   | rounded, dense rounded, spreading,  | Full sun                  | Medium<br>Dry to | Orange-red                  | No                | with age                  |   |
| Crataegus viridis                         | Winter King Hawthorn              | 25-35'           | 25-35'           | White - late May  | dense<br>rounded to broad-  | Full sun<br>Full sun to   | medium           | Orange-red                  | Yes               | slow                      |   |
| Eucommia ulmoides                         | Hardy Rubber Tree                 | 40-60'           | 30-50'           | Grennish-brown - April                                  | spreading   | part shade                | Medium           | Insignificant               | No                | medium                    |   |
| Halesia tetraptera (formerly H. carolina) | Carolina Silverbell               | 30-40'           | 20-35'           | White - early May                                       | low-branched,<br>broad, rounded<br>crown<br>round-headed,                             | Full sun to part shade    | Medium           | Yellow to orange            | No                | medium                    |   |
| Maackia amurensis                         | Maackia                           | 20-30'           | 20-30'           | Dull white - June to July,<br>doesn't flower every year | branches upright-<br>arching-spreading<br>multi-stemmed,                              | Full sun to part shade    | Medium           | Insignificant               | No                | slow                      |   |
| Magnolia virginiana                       | Sweet Bay Magnolia                | 10-35'           | 10-35'           | White, lemon scented - mid<br>June                      | open, upright-<br>spreading   | Full sun to part shade    | Medium to wet    | Brownish-yellow             | Yes               | medium to                 |   |
| Ostrya virginiana                         | Eastern Hop Hornbeam              | 25-40'           | 20-30'           | Red-brown (male) light green<br>(female) - April        | rounded, horizontal or drooping branches  | Full sun to               | Medium           | Yellow-orange               | Yes               | slow                      |   |
| Oxydendrum arboreum                       | Sourwood                          | 20-50'           | 10-25'           | White, fragrant - mid July,<br>typically blooms heavily | pyramidal, rounded<br>top and drooping<br>branches                                    | Full sun to part shade    | Medium           | Crimson red                 | No                | slow                      |   |
| Prunus 'Kanzan'                           | Japanese Flowering Cherry         | 25-30'           | 25-30'           | Deep pink - April                                       | vase shape,<br>ascending branching,<br>spreading-rounded<br>crown                     | Full sun to               | Medium           | Yellow to orange-<br>bronze | No                | fast                      |   |
| Pyrus calleryana                          | Redspire Pear                     | 25-35'           | 20-25'           | White, slightly malodorous - late April to early May    | oval to spreading,<br>upright branching   | Full sun                  | Medium           | Orange                      | No                | fast                      | Commonly will<br>split at branch<br>junction after ten<br>to fifteen years of<br>growth |
| Pyrus calleryana 'Aristrocrat'            | Aristrocrat Pear                  | 25-35'           | 20-25'           | White, slightly malodorous<br>- late April to early May | oval to spreading,<br>upright branching   | Full sun                  | Dry to<br>medium | Red                         | No                | fast                      | Commonly will<br>split at branch<br>junction after ten<br>to fifteen years of<br>growth |

|   |  |                  | City             | <u>of Westfield Mas</u>                                 | <u>ter Tree Lis</u>   | <u> </u>                                |                  |                              | 1                 | ,  | 1   |
|---|--|------------------|------------------|---|---|---|------------------|------------------------------|-------------------|--|---|
| <u>Botanical Name</u>                             | Common Name                                  | Mature<br>Height | Mature<br>Spread | Bloom Color   | Branching<br>Habit  | <u>Sun</u>                              | Water            | <u>Fall Color</u>            | Indiana<br>Native | Growth<br>Rate                               | Comments  |
| Pyrus calleryana 'Capital'                        | Capital Pear                                 | 25-35'           | 8-12'            | White, slightly malodorous<br>- late April to early May | oval to spreading,<br>upright branching   | Full sun                                | Dry to<br>medium | Red                          | No                | fast   | Commonly will<br>split at branch<br>junction after ten<br>to fifteen years of<br>growth |
| Small Trees 25 ft. or less                        | s  |                  |                  |   |   |   |                  |                              |                   |  |   |
| Acer griseum                                      | Paperbark Maple                              | 20-30'           | 15-25'           | Green - April   | upright-oval, oval or rounded   | Full sun to part shade                  | Medium           | Red                          | No                | slow   |   |
| Acer palmatum                                     | Japanese Maple                               | 10-25'           | 10-25'           | Reddish-purple - May and June                           | rounded to broad-<br>rounded, branches<br>often layered                             | Full sun to                             | Medium           | Yellow, red-purple or bronze |                   | medium when<br>young, slow<br>with age       |   |
| Acer tataricum                                    | Tatarian Maple                               | 15-20'           | 15-20'           | Greenish-white - April to                               | multi-stemmed,<br>rounded to wide<br>spreading                                      | Full sun to part shade                  | Medium           | Yellow-red                   | No                | slow to<br>medium                            | may naturalize  |
|   | Shadblow Serviceberry, Thicket               |                  |                  | May   | upright, suckering,<br>tightly multi-   | Full sun to                             |                  |                              |                   |  | may naturanze   |
| Amelanchier canadensis  Amelanchier x grandiflora | Serviceberry  Autumn Brilliance Serviceberry | 20-25'<br>15-25' | 15-20'<br>15-25' | White - late March White - April                        | multi-stemmed,<br>rounded crown   | part shade<br>Full sun to<br>part shade | Medium<br>Medium | Orange-red Orange-red        | No<br>Hybrid      | slow to<br>medium                            |   |
| Amelanchier laevis                                | Allegheny Serviceberry                       | 15-40'           | 15-40'           | White - April, short lived                              | multi-stemmed,<br>rounded crown<br>multi-stemmed,                                   | Full sun to part shade                  | Medium           | Orange-red                   | Yes               | medium                                       |   |
| Asimina triloba                                   | Pawpaw                                       | 15-25'           | 15-25'           | Purple - early May                                      | dense pyramidal or<br>round-topped, tends<br>to sucker                              | part shade                              | Medium to wet    | Yellow                       | Yes               | medium                                       |   |
|   |  |                  |                  | Pink - late April to early                              | trunk usually divided,<br>spreading, flat-<br>topped to rounded                     | Full sun to                             |                  |                              |                   |  |   |
| Cercis canadensis                                 | Eastern Redbud                               | 20-25'           | 25-35'           | May   | crown<br>pyramidal, loose   | part shade<br>Full sun to               | Medium           | Yellow                       | Yes               | medium                                       |   |
| Chamaecyparis pisifera 'Filifera Aurea'           | Japanese or Sawa False Cypress               | 6-20'            | 3-7'             | N/A   | open habit<br>spreading, rather<br>open, often wider                                | part shade                              | Medium           | Evergreen                    | No                | medium                                       |   |
| Chionanthus virginicus                            | Fringetree                                   | 12-20'           | 12-20'           | White, slightly fragrant -<br>late May to early June    | than high. Wide<br>range of shapes  | Full sun to part shade                  | Medium           | Yellow                       | No                | slow   |   |
| Cornus alternifolia                               | Pagoda Dogwood                               | 10-15'           | 12-20'           | Yellowish-white, fragrant -<br>late May to early June   | spreading, low-<br>branched. Broad<br>horizontal branches<br>form stratified layers | Full sun to part shade                  | Medium           | Green-red                    | Yes               | slow initially<br>medium when<br>established |   |
| Cornus florida                                    | Flowering Dogwood                            | 15-25'           | 15-25'           | White - mid May for 2 weeks                             | horizontally<br>spreading lines,<br>layered effect, flat-<br>topped crown           | Full sun to part shade                  | Medium           | Geen-yellow-red              | Yes               | slow initially<br>medium when<br>established |   |
| Cornus kousa                                      | Kousa Dogwood                                | 15-25'           | 15-30'           | White to pinkish - early June for about 6 weeks         | rounded with<br>distinct stratified<br>branching. Strong<br>horizontal lines        | Full sun to                             | Medium           | Red                          | No                | slow   |   |
|   |  |                  |                  | Yellow - late March or early                            | multi-stemmed,<br>oval-rounded outline  | , Full sun to                           |                  |                              |                   |  |   |
| Cornus mas  | Cornelian Cherry Dogwood                     | 15-25'           | 15-20'           | April   | branching to ground   | part shade                              | Medium           | Orange-red to red            | No                | medium                                       |   |

| <u>Botanical Name</u>               | Common Name                 | Mature<br>Height | Mature<br>Spread | Bloom Color                    | Branching<br>Habit                    | Sun         | Water                                 | Fall Color                 | Indiana<br>Native | Growth<br>Rate    | Comments         |
|-------------------------------------|-----------------------------|------------------|------------------|--------------------------------|---------------------------------------|-------------|---------------------------------------|----------------------------|-------------------|-------------------|------------------|
|                                     |                             |                  |                  |                                |                                       |             |                                       |                            |                   | new shoots        |                  |
|                                     |                             |                  |                  |                                | strongly multi-                       | Full sum to |                                       |                            |                   | grow very         |                  |
| C                                   | C D                         | 10-15'           | 10-15'           | NA/Isias sauku as usial kuns   | stemmed, erect-                       | Full sun to | A 1:                                  | David and                  |                   | fast, old very    |                  |
| Cornus racemosa                     | Gray Dogwood                | 10-15            | 10-15            | White - early to mid June      | growing, suckering<br>strongly multi- | part shade  | Medium                                | Dark red                   | Yes               | slow              |                  |
|                                     |                             |                  |                  |                                | stemmed, rounded                      |             |                                       | orange purplish            |                   |                   |                  |
|                                     |                             |                  |                  | Brown (male) red (female) -    | top, leggy or open                    | Full sun to |                                       | red yellow and             |                   | medium to         |                  |
| Corylus americana                   | American Hazelnut           | 10-16'           | 8-13'            | March to April                 | base                                  | part shade  | Medium                                | green                      | No                | fast              |                  |
| ,                                   |                             |                  |                  |                                | upright, spreading,                   |             |                                       |                            |                   |                   |                  |
|                                     |                             |                  |                  | Yellow - June (showyness       | loose and open,                       |             |                                       |                            |                   |                   |                  |
|                                     |                             |                  |                  | comes from sterile portion and | wider than high,                      |             |                                       | yellow, orange red         |                   |                   |                  |
| Cotinus coggygria                   | Smoketree                   | 10-15'           | 10-15'           | lasts thru September)          | multi-stemmed                         | Full sun    | Medium                                | and purplish-red           | No                | medium            |                  |
|                                     |                             |                  |                  |                                | shrubby, low-                         |             |                                       |                            |                   |                   |                  |
|                                     |                             |                  |                  |                                | branched, round-                      |             |                                       |                            |                   | _                 |                  |
| Crataegus laevigata                 | English Hawthorn            | 15-20'           | 15-20'           | White - mid May                | topped                                | Full sun    | Medium                                | Insignificant              | No                | slow              |                  |
| 6                                   | Datta di Harritha an        | 20.251           | 25 201           | NA/Isia - NA                   | usually wider than                    | Full sure   | A 1:                                  | n - d                      |                   | slow to           |                  |
| Crataegus punctata                  | Dotted Hawthorn             | 20-25'           | 25-30'           | White - May                    | tall                                  | Full sun    | Medium                                | Red                        | Yes               | medium<br>slow to |                  |
| Ginkgo biloba 'Tubifolia'           | Tubifolia Maidenhair Tree   | 20-25'           | 12-18'           | Green - April to May           | upright                               | Full sun    | Medium                                | Yellow                     | No                | medium            | Male tree only   |
| dirikgo biloba Tubilolia            | Tubilolla Waldelillali 11ee | 20-23            | 12-10            | Green - April to May           | narrow-pyramidal,                     | i uli suli  | ivieuluiii                            | Tellow                     | INO               | slow to           | iviale tree only |
| Juniperus chinensis 'Fairview'      | Chinese Juniper             | 10-15'           | 4-9'             | N/A                            | upright form                          | Full sun    | Medium                                | Evergreen                  | No                | medium            |                  |
| samperas emmensis i am tiem         | G.m.ese sampe.              | 10 13            | . 3              |                                | upright growth                        | . an san    | · · · · · · · · · · · · · · · · · · · | zverg.ce.i                 | 110               | slow to           |                  |
| Juniperus chinensis 'Perfecta'      | Chinese Juniper             | 15-18'           | 6-8'             | N/A                            | habit                                 | Full sun    | Medium                                | Evergreen                  | No                | medium            |                  |
| ·                                   | ·                           |                  |                  |                                |                                       |             |                                       | Ĭ                          |                   | slow to           |                  |
| Juniperus scopulorum 'Wichita Blue' | Rocky Mountain Juniper      | 10-15'           | 4-6'             | N/A                            | pyramidal form                        | Full sun    | Medium                                | Evergreen                  | No                | medium            |                  |
|                                     |                             |                  |                  |                                | narrow to broad                       |             |                                       |                            |                   |                   |                  |
| Juniperus virginiana 'Burkii'       | Red Cedar                   | 16-66'           | 4-10'            | N/A                            | pyramidal                             | Full sun    | Medium                                | Evergreen                  | Yes               | medium            |                  |
|                                     |                             |                  |                  | White flushed with purple      | multi-stemmed,                        |             |                                       |                            |                   |                   |                  |
|                                     |                             |                  |                  | sometimes fragrant- mid to     | pyramidal to                          | Full sun to |                                       |                            |                   |                   |                  |
| Magnolia x soulangiana              | Saucer Magnolia             | 20-25'           | 20-25'           | late April                     | rounded                               | part shade  | Medium                                | Light green                | Hybrid            | medium            |                  |
|                                     | B 16: 14 1:                 | 40.201           | 0.451            |                                | upright, densely                      | Full sun to |                                       |                            |                   | ,                 |                  |
| Magnolia stellata 'Royal Star'      | Royal Star Magnolia         | 10-20'           | 8-15'            | White - March to April         | branched, rounded range from low      | part shade  | Medium                                | Brownish-yellow            | No                | slow              |                  |
|                                     |                             |                  |                  |                                | mound-like to                         |             |                                       |                            |                   |                   |                  |
|                                     |                             |                  |                  |                                | marrow upright to                     |             |                                       |                            |                   |                   |                  |
| Malus species                       | Crabapples                  | 15-25'           | 15-25'           | Varies                         | pendulous                             | Full sun    | Medium                                | Varies                     | Hybrid            | varies            |                  |
|                                     |                             |                  |                  |                                | p                                     |             |                                       |                            | ,                 |                   | Seceptable to    |
|                                     |                             |                  |                  |                                | dense upright                         |             |                                       |                            |                   | slow to           | bagworm          |
| Picea pungens'Fat Albert'           | Fat Albert Colorado Spruce  | 10-15'           | 7-10'            | N/A                            | pyramidal                             | Full sun    | Medium                                | Evergreen                  | No                | medium            | infestation      |
|                                     |                             |                  |                  |                                |                                       |             |                                       |                            |                   |                   |                  |
|                                     |                             |                  |                  |                                |                                       |             |                                       |                            |                   |                   |                  |
|                                     |                             |                  |                  |                                | twiggy and rounded,                   |             | 1                                     |                            |                   |                   |                  |
| <u></u>                             |                             |                  |                  |                                | ascending spreading                   | Full sun to | l                                     |                            |                   |                   |                  |
| Prunus cerasifera                   | Cherry Plum                 | 15-25'           | 15-25'           | White or slightly pink - April | branches                              | part shade  | Medium                                | Insignificant              | No                | fast              |                  |
| Drupus corrulata                    | Japanese Flowering Charm    | 15 25'           | 15-25'           | Mhita to pink Assil            | vase shaped to rounded                | Full sun to | Madium                                | Yellow to bronze<br>to red | No                | medium            |                  |
| Prunus serrulata                    | Japanese Flowering Cherry   | 15-25'           | 13-23            | White to pink - April          | rounueu                               | part shade  | Medium                                | to reu                     | No                | neurum            |                  |
|                                     |                             |                  |                  | Pink to white - late March to  |                                       | Full sun to | 1                                     |                            |                   |                   |                  |
| Prunus subhirtella pendula          | Weeping Cherry              | 20-25'           | 15-25'           | early April                    | gracefully weeping                    | part shade  | Medium                                | Yellow                     | No                | fast              |                  |
|                                     |                             |                  | 1                | 1.7                            | S,copg                                | ,           |                                       | 2                          |                   |                   |                  |
|                                     |                             |                  |                  |                                | small, suckering,                     |             | 1                                     |                            |                   |                   |                  |
|                                     |                             |                  |                  |                                | crooked branches                      |             | 1                                     |                            |                   |                   |                  |
|                                     |                             |                  |                  |                                | and slenter twigs.                    | Full sun to | Dry to                                |                            |                   |                   |                  |
| Prunus virginiana                   | Choke Cherry                | 20-25'           | 15-20'           | White - April to May           | Oval-rounded crown                    | part shade  | medium                                | Yellow to orange           | Yes               | fast              | may naturalize   |

| <u>Botanical Name</u>         | Common Name         | Mature<br>Height | Mature<br>Spread | Bloom Color                   | Branching<br>Habit | <u>Sun</u>  | Water  | Fall Color    | Indiana<br>Native | Growth<br>Rate | Comments |
|-------------------------------|---------------------|------------------|------------------|-------------------------------|--------------------|-------------|--------|---------------|-------------------|----------------|----------|
|                               |                     |                  |                  |                               | somewhat oval to   |             |        |               |                   |                |          |
|                               |                     |                  |                  |                               | rounded crown,     |             |        |               |                   |                |          |
|                               |                     |                  |                  | White, fragrant - late May to | branches somewhat  |             |        |               |                   |                |          |
| Syringa reticulata            | Japanese Lilac Tree | 20-30'           | 15-20'           | June                          | arching            | Full sun    | Medium | Insignificant | No                | medium         |          |
|                               |                     |                  |                  |                               | compact, narrowly  | Full sun to |        |               |                   | slow to        |          |
| Thuja occindentalis 'Smaragd' | American Arborvitae | 12-14'           | 3-4'             | N/A                           | pyramidal          | part shade  | Medium | Evergreen     | No                | medium         |          |
|                               |                     |                  |                  |                               | broad-based,       | Full sun to |        |               |                   |                |          |
| Thuja occindentalis 'Techny'  | American Arborvitae | 10-15'           | 6-10'            | N/A                           | pyramidal form     | part shade  | Medium | Evergreen     | No                | slow           |          |

| Botanical Name                        | Common Name           | Mature<br>Height | Mature<br>Spread | Bloom Color  | Branching<br><u>Habit</u>  | <u>Sun</u>                | <u>Water</u> | Fall Color            | Indiana<br>Native | Growth<br>Rate                             | Comments   |
|---------------------------------------|-----------------------|------------------|------------------|--|--|---------------------------|--------------|-----------------------|-------------------|--|--|
| Type A Street Trees for               | r new construction    |                  |                  |  |  |                           |              |                       |                   |  |  |
| Aesculus hippocastanum                | Horse Chestnut        | 50-75'           | 40-65'           | White with red or yellow<br>marking - flowering peak in<br>mid-May | Upright-oval to rounded  | Full sun to part shade    | Medium       | yellow and brown      | Yes               | medium                                     | Husk of chestnut has needle-sharp thorns   |
| Acer triflorum                        | Three-Flowered Maple  | 25-30'           | 25-30'           | Greenish-yellow - April  | upright-spreading<br>to full, dense, and<br>round-headed           |                           | Medium       | Orange-red            | No                | slow                                       |  |
| Cercis canadensis                     | Eastern Redbud        | 20-25'           | 25-35'           | Pink - late April to early   | trunk usually divided, spreading, flat- topped to rounded crown    | Full sun to part shade    | Medium       | Yellow                | Yes               | medium                                     |  |
| Certis Canadensis                     | Eastern Neubuu        | 20-25            | 25-55            |  | rounded with distinct stratified branching.                        |                           | Medium       | Tellow                | Tes               | medium                                     |  |
| Cornus kousa                          | Kousa Dogwood         | 15-25'           | 15-30'           | White to pinkish - early June for about 6 weeks                    | Strong horizontal<br>lines   | Full sun to<br>part shade | Medium       | Red                   | No                | slow                                       |  |
| Croto ogus orus golli                 | Cooleanus Househous   | 25-35'           | 25-35'           | M/hite adayous May   | broad-rounded,   | Full aug                  | Madium       | Yellow-orange-        | No                | slow to                                    |  |
| Crataegus crus-galli                  | Cockspur Hawthorn     | 25-35            | 25-35            | White, odorous - May   | low-branched   | Full sun                  | Medium       | red                   | No                | medium                                     |  |
|                                       |                       | 10.50            | 20.50            |  | rounded to broad   |                           |              |                       |                   |  | Resembles the  |
| Eucommia ulmoides                     | Hardy Rubber Tree     | 40-60'           | 30-50'           | Grennish-brown - April   | spreading  | part shade                | Medium       | Insignificant         | No                | medium                                     | American Elm   |
| Fagus grandifolia                     | American Beech        | 50-80'           | 40-80'           | Yellowish green - April or early<br>May                            | short trunk, wide spreading crown                                  | Full sun to part shade    | Medium       | Golden bronze         | Yes               | slow,<br>medium in youth                   |  |
| Fagus sylvatica                       | European Beech        | 35-50'           | 20-40'           | Yellowish green - April or early                                   | densely<br>pyramidal to oval<br>or rounded,<br>branch to ground    | Full sun to               | Medium       | yellow, orange or red | No                | slow to<br>medium                          |  |
| Ginkgo biloba                         | Maindenhair Tree      | 50-80'           | 30-40'           | Green - April to May   | wide spreading,<br>great variation                                 | Full sun                  | Medium       | Yellow                | No                | slow to<br>medium, fast with<br>fertilizer | Male tree only   |
| Gleditsia triacanthos variety inermis | Thornless Honeylocust | 60-80'           | 60-80'           | Greenish yellow - May to June                                      | short trunk, open-<br>spreading and<br>fine textured               | -<br>Full sun             | Medium       | Yellow                | Yes               | fast                                       | Commonly exhibit dieback ijn the crown   |
| Gymnocladus dioicus                   | Kentucky Coffee Tree  | 60-80'           | 40-55'           | Greenish white - April to May                                      | vertically<br>ascending<br>irregular<br>branches,<br>obovate crown | Full sun                  | Medium       | Yellow                | Yes               | slow to medium                             |  |
| Maackia amurensis                     | Maackia               | 20-30'           | 20-30'           | Dull white - June to July,<br>doesn't flower every year            | round-headed,<br>branches upright-<br>arching-spreading            | Full sun to               | Medium       | Insignificant         | No                | slow                                       |  |
| Pyrus calleryana                      | Redspire Pear         | 25-35'           | 20-25'           | White, slightly malodorous   | oval to spreading,   |                           | Medium       | Orange                | No                | fast                                       | Common for tree to<br>split at the central<br>branch junction after<br>ten to fifteen years of<br>growth |

| Botanical Name                 | Common Name         | Mature<br>Height | Mature<br>Spread | Bloom Color                                      | Branching<br>Habit              | <u>Sun</u>                | Water               | Fall Color                   | Indiana<br>Native | Growth<br>Rate        | Comments                                |
|--------------------------------|---------------------|------------------|------------------|--|---------------------------------|---------------------------|---------------------|------------------------------|-------------------|-----------------------|---|
|                                |                     |                  |                  |  |                                 |                           |                     |                              |                   |                       | Common for tree to split at the central |
|                                |                     |                  |                  |  |                                 |                           |                     |                              |                   |                       | branch junction after                   |
|                                |                     |                  |                  | White, slightly malodorous                       | oval to spreading,              |                           | Dry to              |                              |                   |                       | ten to fifteen years of                 |
| Pyrus calleryana 'Aristrocrat' | Aristrocrat Pear    | 25-35'           | 20-25'           | - late April to early May                        | upright branching               | Full sun                  | medium              | Red                          | No                | fast                  | growth                                  |
|                                |                     |                  |                  |  |                                 |                           |                     |                              |                   |                       | Common for tree to split at the central |
|                                |                     |                  |                  |  |                                 |                           |                     |                              |                   |                       | branch junction after                   |
|                                |                     |                  |                  | White, slightly malodorous                       | oval to spreading,              |                           | Dry to              |                              |                   |                       | ten to fifteen years of                 |
| Pyrus calleryana 'Capital'     | Capital Pear        | 25-35'           | 8-12'            | - late April to early May                        | upright branching               | Full sun                  | 1                   | Red                          | No                | fast                  | growth                                  |
|                                |                     |                  |                  |  |                                 |                           |                     |                              |                   | fast if in rich moist |   |
|                                |                     |                  |                  | Yellowish green, insignificant -                 | round-topped                    |                           | Dry to              |                              | Yes               | well-drained soil     |   |
| Quercus rubra                  | Red Oak             | 50-75'           | 50-75'           | May  | and symmetrical                 | Full sun                  | medium              | Dark red, showy              |                   |                       |   |
|                                |                     |                  |                  |  | somewhat oval to                |                           |                     |                              |                   |                       |   |
|                                |                     |                  |                  |  | rounded crown,                  |                           |                     |                              |                   |                       |   |
|                                |                     |                  |                  |  | branches                        |                           |                     |                              |                   |                       |   |
|                                |                     |                  |                  | White, fragrant - late May to                    | somewhat                        |                           |                     |                              |                   |                       |   |
| Syringa reticulata             | Japanese Lilac Tree | 20-30'           | 15-20'           | June   | arching                         | Full sun                  | Medium              | Insignificant                | No                | medium                | n                                       |
|                                |                     |                  |                  | Dalo vollovi fragrant lato                       | upright-oval to                 | Full cup to               |                     | Dalo groon to nalo           | No                |                       | Bees attracted to                       |
| Tilia cordata                  | Little Leaf Linden  | 50-70'           | 35-50'           | Pale yellow, fragrant - late<br>June, early July | pyramidal-<br>rounded           | Full sun to part shade    | Medium              | Pale green to pale<br>yellow | NO                | medium                | flowers, also attract                   |
| Tilla Cordata                  | Little Lear Linden  | 30-70            | 33-30            | Julie, early July                                | upright-oval to                 | part snaue                | Wiedidili           | yenow                        |                   |                       | japanese beetles<br>Bees attracted to   |
|                                |                     |                  |                  | Pale yellow, fragrant - late                     | pyramidal-                      | Full sun to               | Dry to              | Pale green to pale           | No                | medium                | flowers, also attract                   |
| Tilia tomentosa                | Silver Linden       | 50-70'           | 30-50'           | June, early July                                 | rounded                         | part shade                | medium              | yellow                       |                   |                       | japanese beetles                        |
|                                |                     |                  |                  |  | upright-oval to                 |                           |                     |                              |                   |                       |   |
|                                |                     |                  |                  |  | pyramidal-                      |                           |                     |                              |                   |                       | Bees attracted to                       |
|                                |                     |                  |                  |  | rounded, lower branches skirt   | Full sun to               |                     | Pale green to pale           | Hybrid            | slow to medium        | flowers, also attract                   |
| Tilia x euchlora               | Crimean Linden      | 40-60'           | 20-30'           | Pale yellowish-white - July                      | groung                          | part shade                | Medium              | yellow                       |                   |                       | japanese beetles                        |
| Tilla X cacillora              | ermean Emach        | 40 00            | 20 30            | r die yenowish white sary                        | low-branched,                   | part snaac                | Wicalani            | yenow                        |                   |                       |   |
|                                |                     |                  |                  |  | vase-shaped with                |                           |                     |                              | NT.               | medium, fast in       |   |
|                                |                     |                  |                  |  | ascending                       |                           |                     |                              | No                | youth                 |   |
| Zelkova serrata                | Japanese Zelkova    | 50-80'           | 50-80'           | Green - April                                    | branches                        | Full sun                  | Medium              | Red                          |                   |                       |   |
| Type B Street Trees for i      | new construction    |                  |                  |  |                                 |                           |                     |                              |                   |                       |   |
| Type D Street Trees John       | iew construction    |                  |                  |  |                                 |                           |                     |                              |                   |                       |   |
|                                |                     |                  |                  |  | rounded and                     |                           |                     |                              |                   |                       |   |
|                                |                     |                  |                  |  | dense, often                    |                           |                     |                              | No                | slow                  |   |
|                                |                     |                  |                  |  | branched to                     | Full sun to               |                     |                              | 110               | SIO W                 |   |
| Acer campestre                 | Hedge Maple         | 20-35'           | 25-35'           | Yellowish-green - May                            | ground<br>Varies from           | part shade                | Medium              | Yellow                       |                   |                       |   |
|                                |                     |                  |                  |  | fastigiate to                   |                           |                     |                              |                   | medium to             |   |
|                                |                     |                  |                  | Greenish-yellow to red-rarely                    | columnar to                     | Full sun to               | Medium to           | orange-red to                | Hybrid            | fast                  |   |
| Acer x freemanii               | Freeman Maple       | 40-55'           | 30-40'           | flowers  | round-crowned                   | part shade                | wet                 | scarlet-red                  |                   | lust                  |   |
|                                | ·                   |                  |                  |  |                                 |                           |                     |                              |                   |                       |   |
|                                |                     |                  |                  |  | upright-oval, oval              | Full sun to               |                     |                              |                   |                       |   |
| Acer griseum                   | Paperbark Maple     | 20-30'           | 15-25'           | Green - April                                    | or rounded                      | part shade                | Medium              | Red                          | No                | slow                  |   |
| Acor mayimowiczian             | Nikko Manla         | 20 45'           | 20 45'           | Vallous May                                      | vase-shaped,                    | Full sun to               | Modium              | Bod                          | No                | slow                  |   |
| Acer maximowiczianum           | Nikko Maple         | 30-45'           | 30-45'           | Yellow - May                                     | round-headed<br>Upright-oval to | part shade<br>Full sun to | Medium              | Red<br>Showy yellow,         |                   |                       |   |
| Acer nigrum                    | Black Maple         | 60-80'           | 40-70'           | Greenish - April                                 | rounded                         | part shade                | Medium              | orange or red                | Yes               | slow                  |   |
|                                |                     |                  |                  | Dad assetius as well as the                      |                                 |                           | N. A. a. allinosa d |                              |                   | P 4.                  |   |
|                                |                     |                  |                  | Red, sometimes yellow - late                     | Irregular, Ovoid,               | Full sun to               | Medium to           | Orange-red                   | Yes               | medium to             |   |
| Acer rubrum                    | Red Maple           | 40-70'           | 30-50'           | March or April                                   | or Rounded                      | part shade                | wet                 |                              |                   | fast                  |   |
| I                              |                     |                  |                  | Greenish - before leaves in                      | Upright-oval to                 | Full sun to               |                     | yellow, orange or            | Yes               | slow                  |   |
| Acer saccharum                 | Sugar Maple         | 60-80'           | 40-70'           | April  | rounded, dense                  | part shade                | Medium              | red                          |                   | İ                     |   |

|                             |                                | Mature | T      | Cw Construction 50                        | Branching                         |                           |                   |                                | Indiana       | Growth            |                                      |
|-----------------------------|--------------------------------|--------|--------|---|-----------------------------------|---------------------------|-------------------|--------------------------------|---------------|-------------------|--------------------------------------|
| <u>Botanical Name</u>       | Common Name                    | Height | Spread | Bloom Color                               | Habit                             | <u>Sun</u>                | Water             | Fall Color                     | <u>Native</u> | Rate              | <u>Comments</u>                      |
|                             |                                |        |        |   | multi-stemmed,                    |                           |                   |                                |               |                   |                                      |
|                             |                                |        |        | Greenish-white - April to                 | rounded to wide                   | Full sun to               |                   |                                |               | slow to           |                                      |
| Acer tataricum              | Tatarian Maple                 | 15-20' | 15-20' | May                                       | spreading                         | part shade                | Medium            | Yellow-red                     | No            | medium            | may naturalize                       |
|                             |                                |        |        | White with red or yellow                  | Hariaht and ta                    | Full som As               |                   |                                |               |                   | Husk of chestnut has                 |
| Aesculus hippocastanum      | Horse Chestnut                 | 50-75' | 40-65' | marking - flowering peak in mid-May       | Upright-oval to<br>rounded        | Full sun to<br>part shade | Medium            | yellow and brown               | Yes           | medium            | needle-sharp thorns                  |
| Acsedius inppocastantini    | Horse chestilut                | 30-73  | 40.03  | Illia iviay                               | Tourided                          | part snauc                | IVICUIUIII        | yellow and brown               |               |                   |                                      |
|                             |                                |        |        |   | upright,                          |                           |                   |                                |               |                   |                                      |
|                             | Shadblow Serviceberry, Thicket |        |        |   | suckering, tightly                | Full sun to               |                   |                                |               |                   |                                      |
| Amelanchier canadensis      | Serviceberry                   | 20-25' | 15-20' | White - late March                        | multi-stemmed<br>multi-stemmed,   | part shade<br>Full sun to | Medium            | Orange-red                     | No            | medium<br>slow to |                                      |
| Amelanchier x grandiflora   | Autumn Brilliance Serviceberry | 15-25' | 15-25' | White - April                             | rounded crown                     | part shade                | Medium            | Orange-red                     | Hybrid        | medium            |                                      |
| Americane Agranamera        | riatanni Brimanee Bervielberry | 15 25  | 10 10  | TTITLE TIPIN                              | multi-stemmed,                    | Full sun to               | Wicaiaiii         | orange rea                     | 11,0114       |                   |                                      |
| Amelanchier laevis          | Allegheny Serviceberry         | 15-40' | 15-40' | White - April, short lived                | rounded crown                     | part shade                | Medium            | Orange-red                     | Yes           | medium            |                                      |
| Datula viena                | Bissas Bissah                  | 40.70  | 40.00  | brown (male), green (female) -            | rounded, trunk                    | Full sun to               | Medium to         | Wallandah                      | Yes           | medium to         |                                      |
| Betula nigra                | River Birch                    | 40-70' | 40-60' | around March                              | usually divided oval-rounded to   | part shade                | wet               | Yellowish<br>Yellow to yellow- |               | fast<br>slow to   |                                      |
| Carpinus betulus            | European hornbeam              | 40-60' | 40-60' | Green - April                             | rounded                           | Full sun                  | Medium            | green                          | No            | medium            |                                      |
| ·                           |                                |        |        | ,   |                                   |                           |                   |                                |               |                   |                                      |
|                             |                                |        |        |   | multi-stemmed,                    |                           |                   |                                |               |                   |                                      |
|                             |                                |        |        |   | wide-spreading,<br>flat or round- |                           |                   |                                | Yes           | slow              |                                      |
|                             |                                |        |        |   | topped (often                     | Full sun to               |                   | Yellow, orange                 |               |                   |                                      |
| Carpinus caroliniana        | American Hornbeam              | 20-30' | 20-35' | Green - April                             | irregular) crown                  | part shade                | Medium            | red                            |               |                   |                                      |
| ·                           |                                |        |        | ,   |                                   |                           |                   |                                |               |                   | Develop large                        |
|                             |                                |        |        |   | irregular,                        | Full sun to               | Medium to         |                                | Yes           | medium            | taproot                              |
| Carya cordiformis           | Bitternut Hickory              | 50-80' | 30-50' | Green - April to May                      | cylindrical crown                 | part shade<br>Full sun to | wet               | yellow-orange                  |               |                   | Develop large                        |
| Carya glabra                | Pignut Hickory                 | 50-80' | 25-40' | Yellowish-green - April to May            | regular open oval                 |                           | Medium            | yellow-orange                  | Yes           | medium            | taproot                              |
|                             | - Grant manuary                |        |        | у при |                                   | par concess               | Medium to         | 7                              |               |                   | шргоот                               |
|                             |                                |        |        |   |                                   |                           | wet,              |                                |               |                   |                                      |
|                             |                                |        |        |   | normani oblana                    |                           | inhabits          |                                | Yes           | medium            | Develop large                        |
|                             |                                |        |        |   | narrow oblong<br>crown, high      |                           | wet<br>bottomland |                                |               |                   | taproot                              |
| Carya laciniosa             | Shellbark Hickory              | 60-80' | 40-60' | Greenish yellow - April to May            |                                   | Full sun                  | s                 | Yellowish brown                |               |                   |                                      |
| ,                           | ,                              |        |        | , ,                                       | oblong crown,                     | Full sun to               |                   |                                | Voc           | medium            | Develop large                        |
| Carya ovata                 | Shagbark Hickory               | 70-90' | 50-70' | Greenish yellow - April to May            | straight trunk                    | part shade                | Medium            | Gold and showy                 | Yes           | medium            | taproot                              |
|                             |                                |        |        |   |                                   | Full our to               |                   |                                | V             |                   | Develop large                        |
| Carya tomentosa             | Mockernut Hickory              | 60-80' | 40-60' | Yellowish-green - April to May            | narrow to                         | Full sun to<br>part shade | Medium            | yellow-orange                  | Yes           | medium            | taproot                              |
|                             |                                | 30 00  |        | Breen April to May                        | 2. Suary rounded                  | Fa. c Silude              | ca.am             | , s.io.i. ordinge              |               |                   | 1 1                                  |
|                             |                                |        |        |   | rounded to broad                  |                           |                   |                                | Yes           | medium            | salt tolerant,<br>recommended street |
|                             |                                |        |        |   | rounded, often                    | Full sun to               | 1                 | Undistinguished<br>            | ies           | medium            | tree                                 |
| Celtis laevigata            | Sugar Hackberry                | 60-80' | 60-80' | Green - late April to early May           | pendulous                         | part shade                | wet               | yellow                         |               |                   |                                      |
|                             |                                |        |        |   | broad top of                      |                           |                   |                                |               | medium to         | recommended street                   |
|                             |                                |        |        |   | ascending arching                 | Full sun to               | Medium to         | Undistinguished                | Yes           | fast              | tree                                 |
| Celtis occidentalis         | Common Hackberry               | 60-80' | 60-80' | Green - late April to early May           | branches                          | part shade                | wet               | yellow                         |               |                   |                                      |
| Considiabulluma iono - :    | Kataura Trae                   | CO 70! | 40 50' | NI/A                                      | ana athur = -! = !-!              | Full sun to               | Medium to         | Vallaudak                      | No            | medium to         |                                      |
| Cercidiphyllum japonicum    | Katsura Tree                   | 60-70' | 40-50' | N/A                                       | greatly variable low branching,   | part shade                | wet               | Yellowish-red                  |               | fast              |                                      |
|                             |                                |        |        |   | broad, round                      |                           |                   |                                | Yes           | medium            |                                      |
| Cladrastis kentukea (lutea) | Yellowwood                     | 30-50' | 40-55' | White, fragrant - early June              | crown                             | Full sun                  | Medium            | Yellow-orange                  |               |                   |                                      |
|                             |                                |        |        |   | spreading, low-                   |                           |                   |                                |               |                   |                                      |
|                             |                                |        |        |   | branched. Broad                   |                           |                   |                                |               |                   |                                      |
|                             |                                |        |        |   | horizontal                        |                           |                   |                                |               | slow initially    |                                      |
|                             |                                |        |        | Yellowish-white, fragrant -               | branches form                     | Full sun to               |                   |                                |               | medium when       |                                      |
| Cornus alternifolia         | Pagoda Dogwood                 | 10-15' | 12-20' | late May to early June                    | stratified layers                 | part shade                | Medium            | Green-red                      | Yes           | established       |                                      |

| Botanical Name                 | Common Name               | Mature<br>Height | Mature<br>Spread | Bloom Color  | Branching<br>Habit             | <u>Sun</u>                | Water      | Fall Color                       | Indiana<br>Native | Growth<br>Rate    | Comments            |
|--------------------------------|---------------------------|------------------|------------------|--|--------------------------------|---------------------------|------------|----------------------------------|-------------------|-------------------|---------------------|
|                                |                           |                  |                  |  | multi-stemmed,<br>oval-rounded |                           |            |                                  |                   |                   |                     |
|                                |                           |                  |                  |  | outline,                       |                           |            |                                  |                   |                   |                     |
|                                |                           |                  |                  | Yellow - late March or early                         | branching to                   | Full sun to               |            |                                  |                   |                   |                     |
| Cornus mas                     | Cornelian Cherry Dogwood  | 15-25'           | 15-20'           | April  | ground                         | part shade                | Medium     | Orange-red to red                | No                | medium            |                     |
|                                |                           |                  |                  | and the second second                                |                                |                           |            |                                  |                   | fast when         |                     |
| Cratagus phagnapurum           | Washington Hawthorn       | 25-30'           | 25-30'           | White - early June, short bloom                      | broadly oval to                | Full sun                  | Medium     | Orango rad                       | No                | young, slows with |                     |
| Crataegus phaenopyrum          | Washington Hawthorn       | 25-30            | 25-30            | DIOOIII  | rounded, dense                 | ruii suii                 | ivieululli | Orange-red                       | No                | age               |                     |
|                                |                           |                  |                  |  | rounded,                       |                           | Dry to     |                                  |                   |                   |                     |
| Crataegus viridis              | Winter King Hawthorn      | 25-35'           | 25-35'           | White - late May                                     | spreading, dense               | Full sun                  | medium     | Orange-red                       | Yes               | slow              |                     |
|                                |                           |                  |                  |  |                                |                           |            |                                  |                   | medium to         | drops numerous      |
|                                |                           |                  |                  |  | oblong to                      |                           |            | Showy red,                       | Yes               | fast              | spiked seed pods in |
| Liquidambar styraciflua        | Sweetgum                  | 60-80'           | 40-60'           | Yellow green - May<br>Yellow with orange band - late | rounded crown                  | Full sun                  | Medium     | orange & yellow<br>Pretty golden |                   |                   | the fall            |
| Liriodendron tulipifera        | Tulip Tree                | 60-90'           | 30-50'           | May thru mid June                                    | oval-rounded                   | Full sun                  | Medium     | yellow                           | Yes               | fast              |                     |
| Elitodenaron taliphera         | Tunp free                 | 00-30            | 30 30            | White flushed with purple                            | multi-stemmed,                 | i un sun                  | IVICUIUIII | yenow                            |                   |                   |                     |
|                                |                           |                  |                  | sometimes fragrant- mid to                           | pyramidal to                   | Full sun to               |            |                                  |                   |                   |                     |
| Magnolia x soulangiana         | Saucer Magnolia           | 20-25'           | 20-25'           | late April   | rounded                        | part shade                | Medium     | Light green                      | Hybrid            | medium            | More shrub-like     |
|                                |                           |                  |                  |  | upright, densely               |                           |            |                                  |                   |                   |                     |
|                                |                           |                  |                  |  | branched,                      | Full sun to               |            |                                  |                   |                   |                     |
| Magnolia stellata 'Royal Star' | Royal Star Magnolia       | 10-20'           | 8-15'            | White - March to April                               | rounded<br>multi-stemmed,      | part shade                | Medium     | Brownish-yellow                  | No                | slow              | More shrub-like     |
|                                |                           |                  |                  | White, lemon scented - mid                           | open, upright-                 | Full sun to               | Medium to  |                                  |                   | medium to         |                     |
| Magnolia virginiana            | Sweet Bay Magnolia        | 10-35'           | 10-35'           | June   | spreading                      | part shade                | wet        | Brownish-yellow                  | Yes               | fast              | More shrub-like     |
|                                | , , ,                     |                  |                  |  | range from low                 |                           |            |                                  |                   |                   |                     |
|                                |                           |                  |                  |  | mound-like to                  |                           |            |                                  |                   |                   |                     |
|                                |                           |                  |                  |  | marrow upright                 | L                         |            |                                  |                   |                   |                     |
| Malus species                  | Crabapples                | 15-25'           | 15-25'           | Varies   | to pendulous<br>irregularly    | Full sun                  | Medium     | Varies                           | Hybrid            | varies            |                     |
|                                |                           |                  |                  |  | rounded or flat-               | Full sun to               | Medium to  |                                  | Yes               | slow to medium    | will not tolerate   |
| Nyssa sylvatica                | Black Gum, Black Tupelo   | 30-50'           | 20-30'           | Greenish-white - May to June                         | topped crown                   | part shade                | wet        | Scarlet red                      | ies               | slow to medium    | heavy pollution     |
|                                |                           |                  |                  |  | rounded,                       | parteria                  |            |                                  |                   |                   |                     |
|                                |                           |                  |                  |  | horizontal or                  |                           |            |                                  |                   |                   |                     |
|                                |                           |                  |                  | Red-brown (male) light green                         | drooping                       | Full sun to               |            |                                  |                   |                   |                     |
| Ostrya virginiana              | Eastern Hop Hornbeam      | 25-40'           | 20-30'           | (female) - April                                     | branches                       | part shade                | Medium     | Yellow-orange                    | Yes               | slow              |                     |
|                                |                           |                  |                  |  |                                |                           |            |                                  |                   |                   |                     |
|                                |                           |                  |                  |  | broad spreading,               |                           |            |                                  | No                | medium            | female plants can   |
|                                |                           |                  |                  | Yellowish-green - May and                            | short trunk, open              |                           |            |                                  | 1.0               | caraiii           | become invasive     |
| Phellodendron amurense         | Amur Corktree             | 30-45'           | 30-60'           | early June   | rounded crown                  | Full sun                  | Medium     | Yellow                           |                   |                   |                     |
|                                |                           |                  |                  |  | twiggy and                     |                           |            |                                  |                   |                   |                     |
|                                |                           |                  |                  |  | rounded,                       |                           |            |                                  |                   |                   |                     |
|                                |                           |                  |                  |  | ascending spreading            | Full sun to               |            |                                  |                   |                   |                     |
| Prunus cerasifera              | Cherry Plum               | 15-25'           | 15-25'           | White or slightly pink - April                       | branches                       | part shade                | Medium     | Insignificant                    | No                | fast              |                     |
| a.r.a.s cerusireru             | Sherry Franc              | 15 25            | 13 23            | Time or singilary print - April                      | vase shape,                    | parconduc                 | .vicuiuiii |                                  | -10               | - uot             | 1                   |
|                                |                           |                  |                  |  | ascending                      |                           |            |                                  |                   |                   |                     |
|                                |                           |                  |                  |  | branching,                     |                           |            |                                  |                   |                   |                     |
|                                | _                         |                  |                  |  | spreading-                     | Full sun to               | l          | Yellow to orange-                |                   | <u> </u>          |                     |
| Prunus 'Kanzan'                | Japanese Flowering Cherry | 25-30'           | 25-30'           | Deep pink - April                                    | rounded crown                  | part shade                | Medium     | bronze                           | No                | fast              | 1                   |
| Prunus serrulata               | Jananese Flowering Charm  | 15-25'           | 15-25'           | White to pink - April                                | vase shaped to rounded         | Full sun to<br>part shade | Medium     | Yellow to bronze<br>to red       | No                | medium            |                     |
| i runus serruiata              | Japanese Flowering Cherry | 13-23            | 13-23            | vvinte to pilik - April                              | rounded                        | part stiaue               | ivicuiuiii | to reu                           | 110               | medium            | +                   |
|                                |                           |                  |                  | Pink to white - late March to                        |                                | Full sun to               |            |                                  |                   |                   |                     |
| Prunus subhirtella pendula     | Weeping Cherry            | 20-25'           | 15-25'           | early April  | gracefully weeping             | part shade                | Medium     | Yellow                           | No                | fast              |                     |

| Botanical Name     | Common Name     | Mature<br>Height | Mature<br>Spread | Bloom Color  | Branching<br>Habit | <u>Sun</u>  | <u>Water</u>     | Fall Color         | Indiana<br>Native | Growth<br>Rate | Comments       |
|--------------------|-----------------|------------------|------------------|--|--------------------|-------------|------------------|--------------------|-------------------|----------------|----------------|
|                    |                 |                  |                  |  |                    |             |                  |                    |                   |                |                |
|                    |                 |                  |                  |  | small, suckering,  |             |                  |                    |                   |                |                |
|                    |                 |                  |                  |  | crooked branches   |             |                  |                    |                   |                |                |
|                    |                 |                  |                  |  | and slenter twigs. |             |                  |                    |                   |                |                |
|                    |                 |                  |                  |  | Oval-rounded       | Full sun to | Dry to           |                    |                   |                |                |
| Prunus virginiana  | Choke Cherry    | 20-25'           | 15-20'           | White - April to May   | crown              | part shade  | medium           | Yellow to orange   | Yes               | fast           | may naturalize |
|                    |                 |                  |                  |  | upright-rounded    |             |                  |                    |                   |                |                |
|                    |                 |                  |                  |  | to broad-rounded   |             |                  |                    |                   |                |                |
|                    |                 |                  |                  |  | with wide-         |             |                  |                    | Yes               | slow to medium |                |
|                    |                 |                  |                  | Yellowish green, insignificant,                                  | spreading          |             | Dry to           | Striking reddish & |                   |                |                |
| Quercus alba       | White Oak       | 50-80'           | 50-80'           | messy - May  |                    | Full sun    | medium           | purplish           |                   |                |                |
| Quercus aiba       | Willie Oak      | 30-80            | 30-80            | messy - way  | broad, open,       | i uli suli  | mediam           | purprisir          |                   |                |                |
|                    |                 |                  |                  |  | round-topped       |             |                  | Yellow,            |                   |                |                |
|                    |                 |                  |                  |  | crown. Short,      |             | Dry to           | sometimes          | Yes               | slow to medium |                |
| Quercus bicolor    | Swamp White Oak | 50-60'           | 50-60'           | Yellowish-green - May  | limby trunk        | Full sun    | medium           | reddish purple     |                   |                |                |
|                    |                 |                  |                  |  |                    |             |                  |                    |                   |                |                |
|                    |                 |                  |                  |  | broad-rounded to   |             |                  |                    |                   |                |                |
|                    |                 |                  |                  |  | upright-oval.      |             |                  | variable from      | Yes               | slow to medium |                |
|                    |                 | 10.50            | 40.60            | V II   | Drooping lower     | - "         |                  | yellow-brown to    |                   |                |                |
| Quercus imbricaria | Shingle Oak     | 40-60'           | 40-60'           | Yellowish-green, messy - May<br>Yellowish green, insignificant - | lateral branches   | Full sun    | Medium<br>Dry to | red-brown          |                   |                |                |
| Quercus macrocarpa | Bur Oak         | 60-80'           | 60-80'           | April to May   | pyramidal to oval  | Eull cun    | medium           | Copper             | Yes               | slow           |                |
| Quercus macrocarpa | Dui Oak         | 00-00            | 00.00            | April to Iviay   | broad open         | i uli suii  | Dry to           | Сорреі             | 1                 |                |                |
| Quercus shumardii  | Schumard Oak    | 40-60'           | 30-40'           | Greenish, messy - May  | '                  | Full sun    | medium           | Brownish red       | Yes               | medium to fast |                |
| 200.000            |                 | 1.0 00           | 0                |  | slender,           | 54          |                  |                    | 1                 |                |                |
|                    |                 |                  |                  |  | pyramidal. Flat-   |             |                  |                    |                   |                |                |
|                    |                 |                  |                  |  | topped and         |             |                  |                    | No                | medium         |                |
|                    |                 |                  |                  |  | picturesque in     |             | Medium to        | Cinnamon           |                   |                |                |
| Taxodium distichum | Bald Cypress    | 50-75'           | 20-45'           | N/A  | age                | Full sun    | wet              | brownish           |                   |                |                |

#### City of Westfield Master Tree List Overhead Utility Trees

| Botanical Name                 | Common Name                                    | Mature        | Mature        | Bloom Color                       | Branching                           | Sun                       | Water         | Fall Color      | Indiana       | <b>Growth Rate</b>  | Comments        |
|--------------------------------|--|---------------|---------------|-----------------------------------|-------------------------------------|---------------------------|---------------|-----------------|---------------|---------------------|-----------------|
| <u> </u>                       | <u>common wante</u>                            | <u>Height</u> | <u>Spread</u> | <u> </u>                          | <u>Habit</u>                        | <u> </u>                  | water         | Tail Color      | <u>Native</u> | Growth Rate         | Comments        |
| Overhead Utility Trees         | s  |               |               |                                   |                                     |                           |               |                 |               |                     |                 |
|                                |  |               |               |                                   | upright-oval, oval                  | Full sun to               |               |                 |               |                     |                 |
| Acer griseum                   | Paperbark Maple                                | 20-30'        | 15-25'        | Green - April                     | or rounded                          | part shade                | Medium        | Red             | No            | slow                |                 |
|                                |  |               |               | Constale white April 4            | multi-stemmed,                      | F. II                     |               |                 |               |                     |                 |
| Acer tataricum                 | Tatarian Maple                                 | 15-20'        | 15-20'        | Greenish-white - April to<br>May  | rounded to wide<br>spreading        | Full sun to<br>part shade | Medium        | Yellow-red      | No            | slow to<br>medium   | may naturalize  |
| recr tataneum                  | Tutanan mapie                                  | 15 20         | 15 20         | ,,                                |                                     | partonade                 | · · · caraiii | renow rea       | 110           | mearam              | may materialize |
|                                | Chadhlass Candachass Thisban                   |               |               |                                   | upright,                            | Full som to               |               |                 |               |                     |                 |
| Amelanchier canadensis         | Shadblow Serviceberry, Thicket<br>Serviceberry | 20-25'        | 15-20'        | White - late March                | suckering, tightly<br>multi-stemmed | Full sun to part shade    | Medium        | Orange-red      | No            | medium              |                 |
| Amelanchier canadensis         | ServiceBerry                                   | 20-23         | 13-20         | Writte - late Water               | multi-stemmed,                      | Full sun to               | iviculum      | Orange-red      | 140           | slow to             |                 |
| Amelanchier x grandiflora      | Autumn Brilliance Serviceberry                 | 15-25'        | 15-25'        | White - April                     | rounded crown                       | part shade                | Medium        | Orange-red      | Hybrid        | medium              |                 |
| Amelanchier laevis             | Allegheny Serviceberry                         | 15-40'        | 15-40'        | White - April, short lived        | multi-stemmed,<br>rounded crown     | Full sun to<br>part shade | Medium        | Orange-red      | Yes           | medium              |                 |
| Ameianchiel laevis             | Allegherry Serviceberry                        | 13-40         | 13-40         | writte - April, short liveu       | trunk usually                       | part snaue                | Medium        | Orange-red      | 168           | medium              |                 |
|                                |  |               |               |                                   | divided,                            |                           |               |                 |               |                     |                 |
|                                |  |               |               | Pink late April to early          | spreading, flat-<br>topped to       | Full sun to               |               |                 |               |                     |                 |
| Cercis canadensis              | Eastern Redbud                                 | 20-25'        | 25-35'        | Pink - late April to early<br>May | rounded crown                       | part shade                | Medium        | Yellow          | Yes           | medium              |                 |
|                                |  |               |               | ,                                 |                                     | partoria                  |               |                 |               |                     |                 |
|                                |  |               |               |                                   | spreading, low-<br>branched. Broad  |                           |               |                 |               |                     |                 |
|                                |  |               |               |                                   | horizontal                          |                           |               |                 |               | slow initially      |                 |
|                                |  |               |               | Yellowish-white, fragrant -       | branches form                       | Full sun to               |               |                 |               | medium when         |                 |
| Cornus alternifolia            | Pagoda Dogwood                                 | 10-15'        | 12-20'        | late May to early June            | stratified layers                   | part shade                | Medium        | Green-red       | Yes           | established         |                 |
|                                |  |               |               |                                   | horizontally                        |                           |               |                 |               |                     |                 |
|                                |  |               |               |                                   | spreading lines,                    |                           |               |                 |               | slow initially      |                 |
|                                |  |               |               |                                   | layered effect,                     | Full sun to               |               |                 |               | medium when         |                 |
| Cornus florida                 | Flowering Dogwood                              | 15-25'        | 15-25'        | White - mid May for 2 weeks       | flat-topped crown                   | part shade                | Medium        | Geen-yellow-red | Yes           | established         |                 |
|                                |  |               |               |                                   | rounded with                        |                           |               |                 |               |                     |                 |
|                                |  |               |               |                                   | distinct stratified                 |                           |               |                 |               |                     |                 |
|                                |  |               |               |                                   | branching.                          |                           |               |                 |               |                     |                 |
|                                |  |               |               | White to pinkish - early June     | Strong horizontal                   |                           |               |                 |               |                     |                 |
| Cornus kousa                   | Kousa Dogwood                                  | 15-25'        | 15-30'        | for about 6 weeks                 | lines<br>strongly multi-            | part shade                | Medium        | Red             | No            | slow                |                 |
|                                |  |               |               |                                   | stemmed, erect-                     |                           |               |                 |               | new shoots          |                 |
|                                |  |               |               |                                   | growing,                            | Full sun to               |               |                 |               | grow very fast, old |                 |
| Cornus racemosa                | Gray Dogwood                                   | 10-15'        | 10-15'        | White - early to mid June         | suckering                           | part shade                | Medium        | Dark red        | Yes           | very slow           |                 |
|                                |  |               |               |                                   | shrubby, low-<br>branched, round-   |                           |               |                 |               |                     |                 |
| Crataegus laevigata            | English Hawthorn                               | 15-20'        | 15-20'        | White - mid May                   | topped                              | Full sun                  | Medium        | Insignificant   | No            | slow                |                 |
|                                |  |               |               |                                   |                                     |                           |               |                 |               | fast when           |                 |
| Cratagus phagnani              | Washington Havethara                           | 25 20'        | 25 20'        | White - early June, short         | broadly oval to                     | Full com                  | Modi          | Orango rad      | No            | young, slows with   |                 |
| Crataegus phaenopyrum          | Washington Hawthorn                            | 25-30'        | 25-30'        | bloom                             | rounded, dense usually wider        | Full sun                  | Medium        | Orange-red      | No            | age                 |                 |
|                                |  |               |               |                                   | than                                |                           |               |                 |               | slow to             |                 |
| Crataegus punctata             | Dotted Hawthorn                                | 20-25'        | 25-30'        | White - May                       | tall                                | Full sun                  | Medium        | Red             | Yes           | medium              |                 |
|                                |  |               |               |                                   | upright, densely branched,          | Full sun to               |               |                 |               |                     |                 |
| Magnolia stellata 'Royal Star' | Royal Star Magnolia                            | 10-20'        | 8-15'         | White - March to April            | rounded                             | part shade                | Medium        | Brownish-yellow | No            | slow                |                 |
| ,                              |  |               |               | ·                                 | range from low                      |                           |               | ,               |               |                     |                 |
|                                |  |               |               |                                   | mound-like to                       |                           |               |                 |               |                     |                 |
| Malus species                  | Crabapples                                     | 15-25'        | 15-25'        | Varies                            | marrow upright to pendulous         | Full sun                  | Medium        | Varies          | Hybrid        | varies              |                 |
| itiaias species                | Leianaphies                                    | 13-63         | 13-23         | Value 3                           | ico periudious                      | ji un sun                 | Internation   | - varies        | LLYUIU        | , m103              | l .             |

#### City of Westfield Master Tree List Overhead Utility Trees

| Botanical Name             | Common Name               | Mature<br>Height | Mature<br>Spread | Bloom Color                    | Branching<br>Habit | <u>Sun</u>   | <u>Water</u> | Fall Color       | Indiana<br>Native | <b>Growth Rate</b> | Comments       |
|----------------------------|---------------------------|------------------|------------------|--------------------------------|--------------------|--------------|--------------|------------------|-------------------|--------------------|----------------|
|                            |                           |                  |                  |                                | twiggy and         |              | 1            |                  |                   |                    |                |
|                            |                           |                  |                  |                                | rounded,           |              |              |                  |                   |                    |                |
|                            |                           |                  |                  |                                | ascending          |              |              |                  |                   |                    |                |
|                            |                           |                  |                  |                                | spreading          | Full sun to  |              |                  |                   |                    |                |
| Prunus cerasifera          | Cherry Plum               | 15-25'           | 15-25'           | White or slightly pink - April | branches           | part shade   | Medium       | - 0              | No                | fast               |                |
|                            |                           |                  |                  |                                | vase shaped to     | Full sun to  |              | Yellow to bronze |                   |                    |                |
| Prunus serrulata           | Japanese Flowering Cherry | 15-25'           | 15-25'           | White to pink - April          | rounded            | part shade   | Medium       | to red           | No                | medium             |                |
|                            |                           |                  |                  | Dinlete white lete Mench to    |                    | Full and As  |              |                  |                   |                    |                |
|                            |                           | 20.251           |                  | Pink to white - late March to  |                    | Full sun to  |              | v. II            |                   | c .                |                |
| Prunus subhirtella pendula | Weeping Cherry            | 20-25'           | 15-25'           | early April                    | gracefully weeping | g part shade | Medium       | Yellow           | No                | fast               |                |
|                            |                           |                  |                  |                                |                    |              |              |                  |                   |                    |                |
|                            |                           |                  |                  |                                | small, suckering,  |              |              |                  |                   |                    |                |
|                            |                           |                  |                  |                                | crooked branches   |              |              |                  |                   |                    |                |
|                            |                           |                  |                  |                                | and slenter twigs. |              |              |                  |                   |                    |                |
|                            |                           |                  |                  |                                | Oval-rounded       | Full sun to  | Dry to       |                  |                   |                    |                |
| Prunus virginiana          | Choke Cherry              | 20-25'           | 15-20'           | White - April to May           | crown              | part shade   | medium       | Yellow to orange | Yes               | fast               | may naturalize |

#### City of Westfield Master Tree List Shade Trees

| Botanical Name         | Common Name        | Mature<br>Height | Mature<br>Spread | Bloom Color  | Branching<br><u>Habit</u>                                    | <u>Sun</u>                | Water                                 | Fall Color                     | Indiana<br>Native | Growth<br>Rate               | Comments   |
|------------------------|--------------------|------------------|------------------|--|--|---------------------------|---------------------------------------|--------------------------------|-------------------|------------------------------|--|
| Shade Trees            |                    |                  |                  |  |  |                           |                                       |                                |                   |                              |  |
| Acer buergerianum      | Trident Maple      | 20-30'           | 20-30'           | Greenish-yellow - April to May with leaves   | distinctly oval-<br>rounded to round<br>rounded and          | Full sun to part shade    | Medium                                | Dark red and orange            | No                | slow to<br>medium            |  |
| Acer campestre         | Hedge Maple        | 20-35'           | 25-35'           | Yellowish-green - May  | dense, often<br>branched to<br>ground                        | Full sun to               | Medium                                | Yellow                         | No                | slow                         |  |
| Acer x freemanii       | Freeman Maple      | 40-55'           | 30-40'           | Greenish-yellow to red-rarely flowers  | Varies from<br>fastigiate to<br>columnar to<br>round-crowned | Full sun to               | Medium to                             | orange-red to scarlet-red      | Hybrid            | medium to                    |  |
| Acer griseum           | Paperbark Maple    | 20-30'           | 15-25'           | Green - April  | upright-oval, oval   |                           | Medium                                | Red                            | No                | slow                         |  |
| Acer maximowiczianum   | Nikko Maple        | 30-45'           | 30-45'           | Yellow - May   | vase-shaped,<br>round-headed                                 | Full sun to<br>part shade | Medium                                | Red                            | No                | slow                         |  |
| Acer nigrum            | Black Maple        | 60-80'           | 40-70'           | Greenish - April   | Upright-oval to<br>rounded                                   | Full sun to<br>part shade | Medium                                | Showy yellow, orange or red    | Yes               | slow                         |  |
| Acer rubrum            | Red Maple          | 40-70'           | 30-50'           | Red, sometimes yellow - late<br>March or April   | Irregular, Ovoid,<br>or Rounded                              | Full sun to part shade    | Medium to<br>wet                      | Orange-red                     | Yes               | medium to<br>fast            |  |
| Acer saccharum         | Sugar Maple        | 60-80'           | 40-70'           | Greenish - before leaves in<br>April   | Upright-oval to<br>rounded, dense                            | Full sun to<br>part shade | Medium                                | yellow, orange or red          | Yes               | slow                         |  |
| Aesculus x carnea      | Red Horse Chestnut | 30-40'           | 25-35'           | Red - May to June<br>White with red or yellow  | rounded to broad-<br>rounded                                 | Full sun to part shade    | Medium                                | Undistinguished                | Hybrid            | medium                       | Husk of chestnut<br>has needle sharp<br>thorns<br>Husk of chestnut |
| Aesculus hippocastanum | Horse Chestnut     | 50-75'           | 40-65'           | marking - flowering peak in mid-May  | Upright-oval to rounded                                      | Full sun to part shade    | Medium                                | yellow and brown               | Yes               | medium                       | has needle sharp<br>thorns   |
| Betula nigra           | River Birch        | 40-70'           | 40-60'           | brown (male), green (female) -<br>around March   | rounded, trunk<br>usually divided<br>oval-rounded to         | Full sun to part shade    | Medium to<br>wet                      | Yellowish<br>Yellow to yellow- | Yes               | medium to<br>fast<br>slow to |  |
| Carpinus betulus       | European hornbeam  | 40-60'           | 40-60'           | Green - April  | rounded  | Full sun                  | Medium                                | green                          | No                | medium                       |  |
| Carya cordiformis      | Bitternut Hickory  | 50-80'           | 30-50'           | Green - April to May   | irregular,<br>cylindrical crown                              | Full sun to part shade    | Medium to wet                         | yellow-orange                  | Yes               | medium                       | Develop large<br>taproot   |
| Carya glabra           | Pignut Hickory     | 50-80'           | 25-40'           | Yellowish-green - April to May   | regular open oval  | Full sun to<br>part shade | Medium                                | yellow-orange                  | Yes               | medium                       | Develop large<br>taproot   |
| Carya illinoinensis    | Northern Pecan     | 75-100'          | 40-70'           | Greenish yellow - April to May   | uniform, broadly oval  | Full sun                  | Medium<br>Medium to                   | Pale yellow                    | Yes               | medium                       | Develop large<br>taproot   |
| Carya laciniosa        | Shellbark Hickory  | 60-80'           | 40-60'           | Greenish yellow - April to May   | narrow oblong<br>crown, high<br>branching                    | Full sun                  | wet,<br>inhabits<br>wet<br>bottomland | Yellowish brown                | Yes               | medium                       | Develop large taproot  |
| Carya ovata            | Shagbark Hickory   | 70-90'           | 50-70'           | Greenish yellow - April to May   | oblong crown,  | Full sun to<br>part shade | Medium                                | Gold and showy                 | Yes               | medium                       | Develop large<br>taproot   |
| Carya tomentosa        | Mockernut Hickory  | 60-80'           | 40-60'           | Yellowish-green - April to May   | narrow to  | Full sun to part shade    | Medium                                | yellow-orange                  | Yes               | medium                       | Develop large<br>taproot   |
| Catalpa speciosa       | Northern Caltalpa  | 40-70'           | 20-50'           | Fragrant showy white with<br>purple & yellow interior<br>spotting orchid-like - May to<br>June | narrow, open,<br>irregular, oval<br>crown                    | Full sun to               | Medium to                             | Undistinguished yellow         | Yes               | medium to fast               | Drops flower buds<br>in spring and seed<br>pods in fall            |

#### City of Westfield Master Tree List Shade Trees

| Botanical Name              | Common Name             | Mature<br>Height | Mature<br>Spread | Bloom Color   | Branching<br>Habit  | <u>Sun</u>                | Water            | Fall Color                    | Indiana<br>Native | Growth<br>Rate           | Comments   |
|-----------------------------|-------------------------|------------------|------------------|---|---|---------------------------|------------------|-------------------------------|-------------------|--------------------------|--|
| Celtis laevigata            | Sugar Hackberry         | 60-80'           | 60-80'           | Green - late April to early May                         | rounded to broad<br>rounded, often<br>pendulous             | Full sun to<br>part shade | Medium to wet    | Undistinguished yellow        | Yes               | medium                   | salt tolerant  |
| Celtis occidentalis         | Common Hackberry        | 60-80'           | 60-80'           | Green - late April to early May                         | broad top of<br>ascending arching<br>branches               | Full sun to               | Medium to        | Undistinguished yellow        | Yes               | medium to fast           |  |
| Cercidiphyllum japonicum    | Katsura Tree            | 60-70'           | 40-50'           | N/A   | greatly variable low branching,                             | Full sun to part shade    | Medium to<br>wet | Yellowish-red                 | No                | medium to<br>fast        |  |
| Cladrastis kentukea (lutea) | Yellowwood              | 30-50'           | 40-55'           | White, fragrant - early June                            | broad, round<br>crown<br>shrubby, low-                      | Full sun                  | Medium           | Yellow-orange                 | Yes               | medium                   |  |
| Crataegus laevigata         | English Hawthorn        | 15-20'           | 15-20'           | White - mid May   | branched, round-<br>topped                                  | Full sun                  | Medium           | Insignificant                 | No                | slow                     |  |
| Eucommia ulmoides           | Hardy Rubber Tree       | 40-60'           | 30-50'           | Grennish-brown - April                                  | rounded to broad-<br>spreading                              | Full sun to part shade    | Medium           | Insignificant                 | No                | medium                   |  |
| Fagus grandifolia           | American Beech          | 50-80'           | 40-80'           | Yellowish green - April or early<br>May                 |   | Full sun to part shade    | Medium           | Golden bronze                 | Yes               | slow,<br>medium in youth |  |
| Fagus sylvatica             | European Beech          | 35-50'           | 20-40'           | Yellowish green - April or early<br>May                 | branch to ground  | Full sun to<br>part shade | Medium           | yellow, orange or red         | No                | slow to<br>medium        |  |
| Gymnocladus dioicus         | Kentucky Coffee Tree    | 60-80'           | 40-55'           | Greenish white - April to May                           | vertically ascending irregular branches, obovate crown      | Full sun                  | Medium           | Yellow                        | Yes               | slow to medium           |  |
| Juglans nigra               | Black Walnut            | 75-100'          | 75-100'          | Yellowish green - May to June                           | high branching,<br>oval to rounded<br>somewhat open         | Full sun                  | Medium           | Fine yellow, early            | Yes               | medium                   | branches don't start<br>till halfway up the<br>trunk or higher,<br>deep taproot,<br>release toxin into<br>ground that<br>prevents understory<br>growth |
| Liquidambar styraciflua     | Sweetgum                | 60-80'           | 40-60'           | Yellow green - May                                      | oblong to rounded crown                                     | Full sun                  | Medium           | Showy red,<br>orange & yellow | Yes               | medium to<br>fast        | drops numerous<br>spiked seed pods in<br>the fall  |
| Liriodendron tulipifera     | Tulip Tree              | 60-90'           | 30-50'           | Yellow with orange band - late<br>May thru mid June     | oval-rounded  | Full sun                  | Medium           | Pretty golden<br>yellow       | Yes               | fast                     |  |
| Maackia amurensis           | Maackia                 | 20-30'           | 20-30'           | Dull white - June to July,<br>doesn't flower every year | round-headed,<br>branches upright-<br>arching-spreading     | Full sun to               | Medium           | Insignificant                 | No                | slow                     |  |
| Nyssa sylvatica             | Black Gum, Black Tupelo | 30-50'           | 20-30'           | Greenish-white - May to June                            | irregularly<br>rounded or flat-<br>topped crown<br>rounded, | Full sun to part shade    | Medium to wet    | Scarlet red                   | Yes               | slow to medium           | will not tolerate<br>heavy pollution   |
| Ostrya virginiana           | Eastern Hop Hornbeam    | 25-40'           | 20-30'           | Red-brown (male) light green<br>(female) - April        | horizontal or<br>drooping<br>branches                       | Full sun to part shade    | Medium           | Yellow-orange                 | Yes               | slow                     |  |

#### City of Westfield Master Tree List Shade Trees

| Datanical Name        | Common Nama                  | Mature        | Mature        | Bloom Color  | Branching                           | Cum                       | Mater            | Fall Color           | <u>Indiana</u> | Growth                                     | Commonto                                  |
|-----------------------|------------------------------|---------------|---------------|--|-------------------------------------|---------------------------|------------------|----------------------|----------------|--|---|
| <u>Botanical Name</u> | <u>Common Name</u>           | <u>Height</u> | <u>Spread</u> | Bloom Color  | <u>Habit</u>                        | <u>Sun</u>                | <u>Water</u>     | Fall Color           | <u>Native</u>  | <u>Rate</u>                                | Comments                                  |
|                       |                              |               |               | Yellow (male) red - (female) -                                   | wide-spreading                      |                           | Medium to        |                      | Hybrid         | medium                                     |   |
| Platanus x acerifolia | London Planetree             | 75-100'       | 60-75'        | April<br>Yellow (male) red - (female) -                          | open, irregular wide-spreading      | Full sun                  | wet<br>Medium to | Yellow brown         | ,              |  |   |
| Platanus occidentalis | Sycamore                     | 75-100'       | 75-100'       | late March   | open, irregular                     | Full sun                  | wet              | Yellow brown         | Yes            | medium to fast                             |   |
|                       |                              |               |               |  | unright rounded                     |                           |                  |                      |                |  |   |
|                       |                              |               |               |  | upright-rounded<br>to broad-rounded |                           |                  |                      |                |  |   |
|                       |                              |               |               |  | with wide-                          |                           |                  |                      | Yes            | slow to medium                             |   |
|                       |                              |               |               | Yellowish green, insignificant,                                  | spreading                           |                           | Dry to           | Striking reddish &   |                |  |   |
| Quercus alba          | White Oak                    | 50-80'        | 50-80'        | messy - May  | branches                            | Full sun                  | medium           | purplish             |                |  |   |
|                       |                              |               |               |  | broad, open,                        |                           |                  | v. II                |                |  |   |
|                       |                              |               |               |  | round-topped                        |                           | Dmito            | Yellow,<br>sometimes | Yes            | slow to medium                             |   |
| Quercus bicolor       | Swamp White Oak              | 50-60'        | 50-60'        | Yellowish-green - May  | crown. Short,<br>limby trunk        | Full sun                  | Dry to<br>medium | reddish purple       |                |  |   |
| Quercus bicolor       | Swamp write Oak              | 30-00         | 30-00         | Tellowish-green - Iviay  | lilliby trulik                      | i uli suli                | mediam           | reduisir purpie      |                |  |   |
|                       |                              |               |               |  | broad-rounded to                    |                           |                  |                      |                |  |   |
|                       |                              |               |               |  | upright-oval.                       |                           |                  | variable from        | Yes            | slow to medium                             |   |
|                       |                              |               |               |  | Drooping lower                      |                           |                  | yellow-brown to      |                |  |   |
| Quercus imbricaria    | Shingle Oak                  | 40-60'        | 40-60'        | Yellowish-green, messy - May<br>Yellowish green, insignificant - | lateral branches                    | Full sun                  | Medium<br>Dry to | red-brown            |                |  |   |
| Quercus macrocarpa    | Bur Oak                      | 60-80'        | 60-80'        | April to May   | pyramidal to oval                   | Full cun                  | medium           | Copper               | Yes            | slow                                       |   |
| Quereus macrocarpa    | Bui Gak                      | 00 80         | 00 00         | Yellowish green, insignificant,                                  | pyraimaar to ovar                   | i uli suli                | Dry to           | Showy yellow &       |                | medium in youth,                           |   |
| Quercus muehlenbergii | Chinkapin Oak                | 40-60'        | 50-60'        | messy - May  | open, rounded                       | Full sun                  | medium           | long lasting         | Yes            | slow with age                              |   |
|                       |                              |               |               |  | dense, oblong-                      |                           |                  |                      |                |  |   |
|                       |                              |               |               | Yellowish green, insignificant,                                  | oval to rounded                     |                           | Dry to           |                      | No             | medium                                     |   |
| Quercus phellos       | Willow Oak                   | 40-75'        | 25-50'        | messy - May  | crown<br>rounded and                | Full sun                  | medium<br>Dry to | Yellow brown         |                |  |   |
| Quercus prinus        | Chestnut Oak                 | 50-70'        | 50-70'        | Yellowish-green, messy - May                                     | relatively dense                    | Full sun                  | medium           | Yellow brown         | Yes            | slow to medium                             |   |
| Querous primus        | Chestilut Gaix               | 30 70         | 30 70         | renowish green, messy may  | relatively delise                   | r un sun                  | meanam           | Tenew Brown          |                | 6  |   |
|                       |                              |               |               | Yellowish green, insignificant -                                 | round-topped                        |                           | Dry to           |                      | Yes            | fast if in rich moist<br>well-drained soil |   |
| Quercus rubra         | Red Oak                      | 50-75'        | 50-75'        | May  | and symmetrical                     | Full sun                  | medium           | Dark red, showy      |                | wen-drained son                            |   |
|                       |                              | 10.50         | 20, 401       |  | broad open                          | - "                       | Dry to           |                      | Yes            | medium to fast                             |   |
| Quercus shumardii     | Schumard Oak                 | 40-60'        | 30-40'        | Greenish, messy - May  | crown                               | Full sun                  | medium           | Brownish red         |                |  |   |
|                       |                              |               |               |  | globular,                           |                           | Dry to           |                      | Yes            | slow to medium                             |   |
| Quercus velutina      | Black Oak                    | 50-60'        | 50-60'        | Yellow-green, messy - May  | spreading crown                     | Full sun                  | medium           | Orange to red        |                |  |   |
|                       |                              |               |               |  | upright-                            |                           |                  |                      |                |  |   |
|                       |                              |               |               |  | spreading,                          |                           |                  |                      | No             | medium to fast                             |   |
| Canhara ianania       | Jananasa Dagada Tras         | 50-75'        | 50-75'        | White, slightly fragrant -                                       | broadly rounded                     | Full sun to<br>part shade | Madium           | Insignificant        |                |  |   |
| Sophora japonica      | Japanese Pagoda Tree         | 50-75         | 30-73         | August   | crown                               | part snade                | Medium           | Insignificant        |                |  |   |
|                       |                              |               |               |  | upright-oval to                     |                           |                  |                      |                | 1.   | Bees attracted to                         |
|                       |                              |               |               | Pale yellow, fragrant - late                                     | pyramidal-                          | Full sun to               |                  | Pale green to pale   | No             | medium                                     | flowers, also attract<br>japanese beetles |
| Tilia cordata         | Little Leaf Linden           | 50-70'        | 35-50'        | June, early July   | rounded                             | part shade                | Medium           | yellow               |                |  | Japanese beeties                          |
|                       |                              |               |               |  | upright-oval to                     |                           |                  |                      |                |  | Bees attracted to                         |
|                       |                              |               |               | Pale yellow, fragrant - late                                     | pyramidal-                          | Full sun to               | Dry to           | Pale green to pale   | No             | medium                                     | flowers, also attract                     |
| Tilia tomentosa       | Silver Linden                | 50-70'        | 30-50'        | June, early July   | rounded                             | part shade                | medium           | yellow               |                |  | japanese beetles                          |
|                       |                              |               |               | , , , , , , ,  | upright-oval to                     |                           |                  | , -                  |                |  |   |
|                       |                              |               |               |  | pyramidal-                          |                           |                  |                      |                |  | Bees attracted to                         |
|                       |                              |               |               |  | rounded, lower                      | e                         |                  | D-1 : :              | Hybrid         | slow to medium                             | flowers, also attract                     |
| Tilia v auchlora      | Crimoan Lindon               | 40.60'        | 20.20'        | Pale vellowish white   | branches skirt                      | Full sun to               | Modium           | Pale green to pale   |                |  | japanese beetles                          |
| Tilia x euchlora      | Crimean Linden               | 40-60'        | 20-30'        | Pale yellowish-white - July                                      | groung<br>round-headed              | part shade                | Medium           | yellow               |                | 1  |   |
|                       |                              |               |               |  | and pendulous to                    |                           |                  |                      |                |  |   |
|                       |                              |               |               |  | upright-                            |                           |                  |                      | No             | medium to fast                             |   |
|                       |                              |               |               | Reddish Green - August to  | spreading. Much                     |                           |                  |                      |                |  |   |
| Ulmus parvifolia      | Accolade ® Elm, Lacebark Elm | 40-50'        | 25-40'        | September  | variation                           | Full sun                  | Medium           | Orange-Red           |                |  |   |

#### **Shade Trees**

| <u>Botanical Name</u> | Common Name      | Mature<br>Height | Mature<br>Spread | Bloom Color   | Branching<br>Habit   | <u>Sun</u> | <u>Water</u> | Fall Color | Indiana<br>Native | Growth<br>Rate        | Comments |
|-----------------------|------------------|------------------|------------------|---------------|--|------------|--------------|------------|-------------------|-----------------------|----------|
| Zelkova serrata       | Japanese Zelkova | 50-80'           | 50-80'           | Green - April | low-branched,<br>vase-shaped with<br>ascending<br>branches | Full sun   | Medium       | Red        | No                | medium, fast in youth |          |

#### City of Westfield Master Tree List Ornamental Trees

| <u>Botanical Name</u>                             | <u>Common Name</u>                           | Mature<br>Height | Mature<br>Spread | Bloom Color   | Branching<br>Habit  | <u>Sun</u>                              | Water            | Fall Color                   | Indiana<br>Native | Growth<br>Rate                               | Comments |
|---|--|------------------|------------------|---|---|---|------------------|------------------------------|-------------------|--|----------|
| Ornamental Trees                                  |  |                  |                  |   |   |   |                  |                              |                   |  |          |
| Acer griseum                                      | Paperbark Maple                              | 20-30'           | 15-25'           | Green - April   | upright-oval, oval or rounded   | Full sun to part shade                  | Medium           | Red                          | No                | slow   |          |
| Acer palmatum                                     | Japanese Maple                               | 10-25'           | 10-25'           | Reddish-purple - May and June                         | rounded to broad-<br>rounded, branches<br>often layered   | Full sun to                             | Medium           | Yellow, red-purple or bronze | No                | medium when<br>young, slow with<br>age       |          |
|   | Shadblow Serviceberry, Thicket               |                  |                  |   | upright, suckering,<br>tightly multi-   | Full sun to                             |                  |                              |                   |  |          |
| Amelanchier canadensis  Amelanchier x grandiflora | Serviceberry  Autumn Brilliance Serviceberry | 20-25'<br>15-25' | 15-20'<br>15-25' | White - late March White - April                      | multi-stemmed,<br>rounded crown   | part shade<br>Full sun to<br>part shade | Medium<br>Medium | Orange-red Orange-red        | No<br>Hybrid      | slow to<br>medium                            |          |
| Amelanchier laevis                                | Allegheny Serviceberry                       | 15-40'           | 15-40'           | White - April, short lived                            | multi-stemmed,<br>rounded crown   | Full sun to<br>part shade               | Medium           | Orange-red                   | Yes               | medium                                       |          |
| Cercis canadensis                                 | Eastern Redbud                               | 20-25'           | 25-35'           | Pink - late April to early<br>May                     | trunk usually<br>divided, spreading,<br>flat-topped to<br>rounded crown   | Full sun to part shade                  | Medium           | Yellow                       | Yes               | medium                                       |          |
| Chionanthus virginicus                            | Fringetree                                   | 12-20'           | 12-20'           | White, slightly fragrant -<br>late May to early June  | spreading, rather<br>open, often wider<br>than high. Wide<br>range of shapes  | Full sun to part shade                  | Medium           | Yellow                       | No                | slow   |          |
| Cornus alternifolia                               | Pagoda Dogwood                               | 10-15'           | 12-20'           | Yellowish-white, fragrant -<br>late May to early June | spreading, low-<br>branched. Broad<br>horizontal branches<br>form stratified layers<br>horizontally<br>spreading lines, |   | Medium           | Green-red                    | Yes               | slow initially<br>medium when<br>established |          |
| Cornus florida                                    | Flowering Dogwood                            | 15-25'           | 15-25'           | White - mid May for 2 weeks                           | layered effect, flat-<br>topped crown<br>rounded with   | Full sun to part shade                  | Medium           | Geen-yellow-red              | Yes               | medium when<br>established                   |          |
| Cornus kousa                                      | Kousa Dogwood                                | 15-25'           | 15-30'           | White to pinkish - early June for about 6 weeks       | distinct stratified<br>branching. Strong<br>horizontal lines<br>multi-stemmed,<br>oval-rounded                          | Full sun to part shade                  | Medium           | Red                          | No                | slow   |          |
| Cornus mas  | Cornelian Cherry Dogwood                     | 15-25'           | 15-20'           | Yellow - late March or early<br>April                 | outline, branching to<br>ground<br>strongly multi-  | Full sun to part shade                  | Medium           | Orange-red to red            | No                | medium<br>new shoots                         |          |
| Cornus racemosa                                   | Gray Dogwood                                 | 10-15'           | 10-15'           | White - early to mid June                             | stemmed, erect-<br>growing, suckering   | Full sun to part shade                  | Medium           | Dark red                     | Yes               | grow very fast, old<br>very slow             |          |
| Crataegus crus-galli                              | Cockspur Hawthorn                            | 25-35'           | 25-35'           | White, odorous - May                                  | broad-rounded, low-<br>branched<br>shrubby, low-  | Full sun                                | Medium           | Yellow-orange-red            | No                | slow to<br>medium                            |          |
| Crataegus laevigata                               | English Hawthorn                             | 15-20'           | 15-20'           | White - mid May                                       | branched, round-<br>topped  | Full sun                                | Medium           | Insignificant                | No                | slow<br>fast when                            |          |
| Crataegus phaenopyrum                             | Washington Hawthorn                          | 25-30'           | 25-30'           | White - early June, short bloom                       | broadly oval to<br>rounded, dense<br>usually wider than   | Full sun                                | Medium           | Orange-red                   | No                | young, slows with<br>age<br>slow to          |          |
| Crataegus punctata                                | Dotted Hawthorn                              | 20-25'           | 25-30'           | White - May   | tall rounded, spreading,  | Full sun                                | Medium<br>Dry to | Red                          | Yes               | medium                                       |          |
| Crataegus viridis                                 | Winter King Hawthorn                         | 25-35'           | 25-35'           | White - late May                                      | dense   | Full sun                                | medium           | Orange-red                   | Yes               | slow   |          |

#### City of Westfield Master Tree List Ornamental Trees

| Botanical Name                 | Common Name               | Mature<br>Height | Mature<br>Spread | Bloom Color                           | Branching<br>Habit              | <u>Sun</u>                | <u>Water</u> | Fall Color        | Indiana<br>Native | Growth<br>Rate | Comments       |
|--------------------------------|---------------------------|------------------|------------------|---------------------------------------|---------------------------------|---------------------------|--------------|-------------------|-------------------|----------------|----------------|
|                                |                           |                  |                  | White flushed with purple             | multi-stemmed,                  |                           |              |                   |                   |                |                |
| Magnolia x soulangiana         | Saucer Magnolia           | 20-25'           | 20-25'           | sometimes fragrant- mid to late April | pyramidal to rounded            | Full sun to<br>part shade | Medium       | Light green       | Hybrid            | medium         |                |
| iviagnona x sourangiana        | Saucei Magnona            | 20-25            | 20-25            | late April                            | upright, densely                | Full sun to               | Medium       | Ligitt green      | пуши              | medium         |                |
| Magnolia stellata 'Royal Star' | Royal Star Magnolia       | 10-20'           | 8-15'            | White - March to April                | branched, rounded               | part shade                | Medium       | Brownish-yellow   | No                | slow           |                |
|                                |                           |                  |                  | ·                                     | multi-stemmed,                  |                           |              |                   |                   |                |                |
|                                |                           |                  |                  | White, lemon scented - mid            | open, upright-                  | Full sun to               | Medium to    |                   |                   | medium to      |                |
| Magnolia virginiana            | Sweet Bay Magnolia        | 10-35'           | 10-35'           | June                                  | spreading<br>range from low     | part shade                | wet          | Brownish-yellow   | Yes               | fast           |                |
| 1                              |                           |                  |                  |                                       | mound-like to                   |                           |              |                   |                   |                |                |
|                                |                           |                  |                  |                                       | marrow upright to               |                           |              |                   |                   |                |                |
| Malus species                  | Crabapples                | 15-25'           | 15-25'           | Varies                                | pendulous                       | Full sun                  | Medium       | Varies            | Hybrid            | varies         |                |
|                                |                           |                  |                  |                                       | ,                               |                           |              |                   | ,                 |                |                |
|                                |                           |                  |                  |                                       |                                 |                           |              |                   |                   |                |                |
|                                |                           |                  |                  |                                       | twiggy and rounded,             |                           |              |                   |                   |                |                |
| <u>.</u> .,                    | al si                     | 45.051           | 45.051           |                                       | ascending spreading             |                           |              |                   |                   | s .            |                |
| Prunus cerasifera              | Cherry Plum               | 15-25'           | 15-25'           | White or slightly pink - April        | branches                        | part shade                | Medium       | Insignificant     | No                | fast           |                |
|                                |                           |                  |                  |                                       | vase shape,                     |                           |              |                   |                   |                |                |
|                                |                           |                  |                  |                                       | ascending branching,            |                           |              |                   |                   |                |                |
|                                |                           |                  |                  |                                       | spreading-rounded               | Full sun to               |              | Yellow to orange- |                   |                |                |
| Prunus 'Kanzan'                | Japanese Flowering Cherry | 25-30'           | 25-30'           | Deep pink - April                     | crown                           | part shade                | Medium       | bronze            | No                | fast           |                |
|                                |                           |                  |                  |                                       | vase shaped to                  | Full sun to               |              | Yellow to bronze  |                   |                |                |
| Prunus serrulata               | Japanese Flowering Cherry | 15-25'           | 15-25'           | White to pink - April                 | rounded                         | part shade                | Medium       | to red            | No                | medium         |                |
|                                |                           |                  |                  | Pink to white - late March to         |                                 | Full sun to               |              |                   |                   |                |                |
| Prunus subhirtella pendula     | Weeping Cherry            | 20-25'           | 15-25'           | early April                           | gracefully weeping              | part shade                | Medium       | Yellow            | No                | fast           |                |
| Fruitus subilittella peridula  | Weeping Cherry            | 20-23            | 13-23            | еапу Артіі                            | gracerumy weeping               | part snaue                | ivieululli   | Tellow            | NO                | Tast           |                |
|                                |                           |                  |                  |                                       | small, suckering,               |                           |              |                   |                   |                |                |
|                                |                           |                  |                  |                                       | crooked branches                |                           |              |                   |                   |                |                |
|                                |                           |                  |                  |                                       | and slenter twigs.              | Full sun to               | Dry to       |                   |                   |                |                |
| Prunus virginiana              | Choke Cherry              | 20-25'           | 15-20'           | White - April to May                  | Oval-rounded crown              | part shade                | medium       | Yellow to orange  | Yes               | fast           | may naturalize |
|                                |                           |                  |                  |                                       | somewhat oval to rounded crown, |                           |              |                   |                   |                |                |
|                                |                           |                  |                  | White, fragrant - late May to         | branches somewhat               |                           |              |                   |                   |                |                |
| Syringa reticulata             | Japanese Lilac Tree       | 20-30'           | 15-20'           | June                                  | arching                         | Full sun                  | Medium       | Insignificant     | No                | medium         |                |

#### City of Westfield Master Tree List Evergreen Trees

| Botanical Name  | Common Name                     | Mature<br>Height | Mature<br>Spread | Bloom Color | Branching<br>Habit                                     | <u>Sun</u>                | Water            | Fall Color           | Indiana<br>Native | Growth<br>Rate              | Comments                                |
|---|---------------------------------|------------------|------------------|-------------|--|---------------------------|------------------|----------------------|-------------------|-----------------------------|---|
| Evergreen Trees   |                                 |                  |                  |             |  |                           |                  |                      |                   |                             |   |
| Abies concolor  | White Fir                       | 40-70'           | 20-30'           | N/A         | Conical  | Full sun to<br>part shade | Medium           | Evergreen            | No                | slow to<br>medium           |   |
| Chamaecyparis obtusa  | Hinoki Cypress                  | 50-75'           | 15-25'           | N/A         | tall, slender<br>pyramid with<br>spreading<br>branches | Full sun to part shade    | Medium           | Evergreen            | No                | medium                      |   |
| Chamaecyparis pisifera 'Filifera Aurea'                       | Japanese or Sawa False Cypress  | 6-20'            | 3-7'             | N/A         | pyramidal, loose open habit                            | Full sun to               | Medium           | Evergreen            | No                | medium                      |   |
|   |                                 |                  | 4.01             |             | narrow-<br>pyramidal,                                  |                           |                  |                      |                   | slow to                     |   |
| Juniperus chinensis 'Fairview' Juniperus chinensis 'Perfecta' | Chinese Juniper Chinese Juniper | 10-15'<br>15-18' | 4-9'<br>6-8'     | N/A<br>N/A  | upright form<br>upright growth<br>habit                | Full sun<br>Full sun      | Medium<br>Medium | Evergreen  Evergreen | No<br>No          | slow to<br>medium           |   |
| Juniperus scopulorum 'Wichita Blue'                           | Rocky Mountain Juniper          | 10-15'           | 4-6'             | N/A         | pyramidal form   | Full sun                  | Medium           | Evergreen            | No                | slow to<br>medium           |   |
|   |                                 |                  |                  |             | columnar to<br>broadly<br>pyramidal,<br>pendulous with |                           | Dry to           |                      | Yes               | medium                      |   |
| Juniperus virginiana  | Eastern Red Cedar               | 30-65'           | 8-25'            | N/A         | age  | Full sun                  | medium           | Evergreen            |                   |                             |   |
| Juniperus virginiana 'Burkii'                                 | Red Cedar                       | 10-25'           | 4-10'            | N/A         | pyramidal pyramidal with                               | Full sun                  | Medium           | Evergreen            | Yes               | medium                      |   |
| Picea abies   | Norway Spruce                   | 40-60'           | 25-30'           | N/A         | pendulous<br>branches<br>tall, fairly narrow           | Full sun                  | Medium           | Evergreen            | No                | medium to fast              |   |
| Picea glauca  | White Spruce                    | 46-60'           | 10-20'           | N/A         | dense spire,<br>compact and<br>regular                 | Full sun                  | Medium           | Evergreen            | No                | medium                      |   |
| Picea omorika   | Serbian Spruce                  | 40-60'           | 15-20'           | N/A         | very slender<br>trunk, narrow to<br>broad pyramidal    | Full sun to               | Medium           | Evergreen            | No                | slow to medium              |   |
| Picea pungens   | Colorado Spruce                 | 30-60'           | 10-20'           | N/A         | dense, regular<br>narrow to broad<br>pyramid           | Full sun                  | Medium           | Evergreen            | No                | slow to medium              | Seceptable to<br>bagworm<br>infestation |
| Picea pungens'Fat Albert'                                     | Fat Albert Colorado Spruce      | 10-15'           | 7-10'            | N/A         | dense upright  | Full sun                  | Medium           | Evergreen            | No                | slow to<br>medium           | Seceptable to<br>bagworm<br>infestation |
|   |                                 |                  |                  |             | dense, pyramidal with spreading branches.              |                           |                  |                      | No                | medium                      | Seceptable to<br>bagworm<br>infestation |
| Picea pungens 'Hoopsii'                                       | Hoopsii Colorado Spruce         | 30-50'           | 15-20'           | N/A         | pyramidal to rounded, can be                           | Full sun                  | Medium           | Evergreen            | No                | slow                        |   |
| Pinus bungeana  | Lacebark Pine                   | 30-50'           | 20-35'           | N/A         | flat-topped and broad-spreading                        | Full sun<br>Full sun to   | Medium           | Evergreen            |                   |                             |   |
| Pinus strobus   | Eastern White Pine              | 50-80'           | 20-40'           | N/A         | symmetrical soft<br>pyramid                            | part shade                | Medium           | Evergreen            | Yes               | one of the fastest<br>pines |   |

#### **Evergreen Trees**

| Botanical Name                | Common Name         | Mature<br>Height | Mature<br>Spread | Bloom Color | Branching<br>Habit   | <u>Sun</u>                  | Water         | Fall Color | Indiana<br>Native | Growth<br>Rate                         | Comments |
|-------------------------------|---------------------|------------------|------------------|-------------|--|-----------------------------|---------------|------------|-------------------|--|----------|
|                               |                     |                  |                  |             | picturesque,<br>open, wide-<br>spreading and flat<br>or round-topped,<br>almost umbrella |                             |               |            | No                | medium when<br>young, slow with<br>age |          |
| Pinus sylvestris              | Scots Pine          | 30-60'           | 30-40'           | N/A         | shaped   | Full sun                    | Medium        | Evergreen  |                   |  |          |
| Pseudotsuga menziesii         | Douglas Fir         | 40-80'           | 12-20'           | N/A         | open, spired pyramid   | Full sun                    | Medium to wet | Evergreen  | No                | medium                                 |          |
| Tsuga canadensis              | Canadian Hemlock    | 40-70'           | 25-35'           | N/A         | pyrmidal   | Part shade<br>to full shade | Medium        | Evergreen  | No                | medium                                 |          |
| Thuja occindentalis 'Smaragd' | American Arborvitae | 12-14'           | 3-4'             | N/A         | compact,<br>narrowly<br>pyramidal  | Full sun to                 | Medium        | Evergreen  | No                | slow to<br>medium                      |          |
|                               |                     |                  |                  |             | broad-based,   | Full sun to                 |               | -          |                   |  |          |
| Thuja occindentalis 'Techny'  | American Arborvitae | 10-15'           | 6-10'            | N/A         | pyramidal form   | part shade                  | Medium        | Evergreen  | No                | slow                                   |          |

#### City of Westfield Master Tree List Drought Tolerant Trees

| Common Name                            |   | Mature   |   | Branching  | _  |  |  | <u>Indiana</u>   | Growth   | l  |
|--|---|--|---|--|--|--|--|--|--|--|
| <u>common realic</u>                   | <u>Height</u>   | Spread   | Bloom Color   | <u>Habit</u>   | <u>Sun</u>   | <u>Water</u>   | Fall Color   | <u>Native</u>  | Rate   | Comments   |
|  |   |  |   |  |  |  |  |  |  |  |
|  |   | ı  | T T   | 1  | ı  | 1  | T  | ı  | ı  |  |
|  |   |  |   | rounded,   |  | Dry to   |  |  |  |  |
| Winter King Hawthorn                   | 25-35'  | 25-35'   | White - late May  |  | Full sun   | medium   | Orange-red   | Yes  | slow   |  |
|  |   |  | White to greenish vellow -  |  | Full sun to  | Dry to   |  | Yes  | slow to  |  |
| Persimmon                              | 35-60'  | 25-35'   | May to June   | symmetrical  | part shade   | medium   | Yellow to red  | 103  | medium   |  |
|  |   |  |   |  |  |  |  |  |  |  |
|  |   |  |   |  |  |  |  |  |  |  |
|  |   |  |   | pyramidal,   |  |  |  | Yes  | medium   |  |
|  |   |  |   | pendulous with   |  | Dry to   |  |  |  |  |
| Eastern Red Cedar                      | 30-65'  | 8-25'  | N/A   | age  | Full sun   | medium   | Evergreen  |  |  |  |
|  |   |  |   |  |  |  |  |  |  |  |
|  |   |  |   | small, suckering,  |  |  |  |  |  |  |
|  |   |  |   |  |  |  |  |  |  |  |
|  |   |  |   |  | Full sun to  | Dry to   |  |  |  |  |
| Choke Cherry                           | 20-25'  | 15-20'   | White - April to May  |  |  |  | Yellow to orange   | Yes  | fast   | may naturalize   |
|  |   |  |   |  |  |  |  |  |  | Common for tree to   |
|  |   |  |   |  |  |  |  |  |  | split at the central<br>branch junction after  |
|  |   |  | White slightly malodorous   | oval to spreading  |  | Dry to   |  |  |  | ten to fifteen years   |
| Aristrocrat Pear                       | 25-35'  | 20-25'   |   |  | Full sun   | medium   | Red  | No   | fast   | of growth  |
|  |   |  | , , ,   |  |  |  |  |  |  | Common for tree to   |
|  |   |  |   |  |  |  |  |  |  | split at the central<br>branch junction after  |
|  |   |  | White, slightly malodorous  | oval to spreading.   |  | Dry to   |  |  |  | ten to fifteen years   |
| Capital Pear                           | 25-35'  | 8-12'  | - late April to early May   |  | Full sun   | medium   | Red  | No   | fast   | of growth  |
|  |   |  |   | upright rounded  |  |  |  |  |  |  |
|  |   |  |   |  |  |  |  |  |  |  |
|  |   |  |   | with wide-   |  |  |  | Yes  | slow to medium   |  |
|  |   |  | Yellowish green, insignificant,   | spreading  |  | Dry to   | Striking reddish &   |  |  |  |
| White Oak                              | 50-80'  | 50-80'   | messy - May   | branches   | Full sun   | medium   | purplish   |  |  |  |
|  |   |  |   |  |  |  | Yellow.  |  |  |  |
|  |   |  |   | crown. Short,  |  | Dry to   | sometimes  | Yes  | slow to medium   |  |
| Swamp White Oak                        | 50-60'  | 50-60'   | Yellowish-green - May   | limby trunk  | Full sun   | medium   | reddish purple   |  |  |  |
| Dur Oak                                | CO 80!  | CO 90'   | =   | mumamaidal ta aval   | Full aum   |  | Cannas   | Yes  | slow   |  |
| BUI Oak                                | 60-80   | 00-80  |   | pyramidai to ovai  | Full Suff  |  |  |  | medium in youth.   |  |
| Chinkapin Oak                          | 40-60'  | 50-60'   | messy - May   | open, rounded  | Full sun   | medium   | long lasting   | Yes  | slow with age  |  |
|  |   |  | Wallandah anana indanisi  | dense, oblong-   |  | D t -  |  |  |  |  |
| Willow Oak                             | 40-75'  | 25-50'   |   |  | Full sun   |  | Yellow brown   | No   | medium   |  |
| ************************************** | 70-73   | 23-30  | messy - iviay   | rounded and  | i un sun   | Dry to   | TOHOW DIOWII   | V  | .1   |  |
| Chestnut Oak                           | 50-70'  | 50-70'   | Yellowish-green, messy - May  | relatively dense   | Full sun   | medium   | Yellow brown   | res  | slow to medium   |  |
|  |   |  | Vallowish green insignificant   | round-topped   |  | Dryte  |  | Voc  | fast if in rich moist  |  |
| Red Oak                                | 50-75'  | 50-75'   |   |  | Full sun   |  | Dark red. showv  | 108  | well-drained soil  |  |
|  |   |  | ,   | broad open   |  | Dry to   | ,  | Vac  | madium to fast   |  |
| Schumard Oak                           | 40-60'  | 30-40'   | Greenish, messy - May   | crown  | Full sun   | medium   | Brownish red   | 108  | medium to fast   |  |
|  |   |  |   | globular   |  | Dry to   |  | Vec  | slow to madium   |  |
| Black Oak                              | 50-60'  | 50-60'   | Yellow-green, messy - May   |  | Full sun   | medium   | Orange to red  | 103  | 310W to inculuin   |  |
|  | Persimmon  Eastern Red Cedar  Choke Cherry  Aristrocrat Pear  Capital Pear  White Oak  Swamp White Oak  Bur Oak  Chinkapin Oak  Willow Oak  Chestnut Oak  Red Oak | Winter King Hawthorn       25-35'         Persimmon       35-60'         Eastern Red Cedar       30-65'         Choke Cherry       20-25'         Aristrocrat Pear       25-35'         Capital Pear       25-35'         White Oak       50-80'         Swamp White Oak       50-60'         Bur Oak       60-80'         Chinkapin Oak       40-60'         Willow Oak       40-75'         Chestnut Oak       50-70'         Red Oak       50-75'         Schumard Oak       40-60' | Winter King Hawthorn 25-35' 25-35'  Persimmon 35-60' 25-35'  Eastern Red Cedar 30-65' 8-25'  Choke Cherry 20-25' 15-20'  Aristrocrat Pear 25-35' 20-25'  Capital Pear 25-35' 8-12'  White Oak 50-80' 50-80'  Swamp White Oak 50-60' 50-60'  Bur Oak 60-80' 60-80'  Chinkapin Oak 40-60' 50-60'  Willow Oak 40-75' 25-50'  Chestnut Oak 50-70' 50-70'  Red Oak 50-75' 50-75'  Schumard Oak 40-60' 30-40' | Winter King Hawthorn         25-35'         25-35'         White - late May           Persimmon         35-60'         25-35'         White to greenish yellow - May to June           Eastern Red Cedar         30-65'         8-25'         N/A           Choke Cherry         20-25'         15-20'         White - April to May           Aristrocrat Pear         25-35'         20-25'         - late April to early May           Capital Pear         25-35'         8-12'         - late April to early May           White Oak         50-80'         50-80'         Yellowish green, insignificant, messy - May           White Oak         50-80'         50-80'         Yellowish green, insignificant, messy - May           Willow Oak         40-60'         50-60'         Yellowish green, insignificant, messy - May           Willow Oak         40-75'         25-50'         Yellowish green, insignificant, messy - May           Red Oak         50-70'         50-70'         Yellowish-green, messy - May           Schumard Oak         40-60'         30-40'         Greenish, messy - May | Winter King Hawthorn 25-35' 25-35' White - late May spreading, dense slender oval- rounded crown- younded crown- white - April to May  Choke Cherry 20-25' 15-20' White - April to May  Choke Cherry 20-25' 15-20' White - April to way crown  Aristrocrat Pear 25-35' 20-25' - late April to early May upright branching  White, slightly malodorous oval to spreading, upright branching white Oak | Winter King Hawthorn 25-35' 25-35' White - late May spreading, dense shelder oval- rounded crown, white to greenish yellow - May to June September oval- rounded crown, symmetrical variable from columnar to broadly pyramidal, pendulous with age small, suckering, crooked branches and slenter twigs. Oval-rounded practical such pendulous with age small, suckering, crooked branches and slenter twigs. Oval-rounded crown part shade cr | Winter King Hawthorn 25-35' 25-35' White - late May spreading, dense Sender oval- rounded crown, Full sun to part shade medium occlumnar to broadly pyramidal, pendulous with age Full sun to Dry to broadly pyramidal, pendulous with age Full sun to broadly pyramidal, pendulous with age Full sun to Dry to medium occlumnar to broadly pyramidal, pendulous with age Full sun medium occlumnar to broadly pyramidal, pendulous with age Full sun medium occlumnar to broadly pyramidal, pendulous with age Full sun medium occlumnar to broadly pyramidal, pendulous with age Full sun medium occlumnar to broadly pyramidal, pendulous with age Full sun medium occlumnar to broad-rounded to broad-rounded to broad-rounded to broad-rounded with vide-with vide-wi | White Ingreenish yellow - white Ingreenish yellow - yellow to red sinder oval- rounded crowl- ro | Winter King Hawrthom  25-35'  25-35'  White to greenish yellow spreading, dense full sun bendum slender oval-  White to greenish yellow spreading, dense full sun bendum slender oval-  White to greenish yellow spreading, dense full sun bendum slender oval-  White to greenish yellow spreading, dense full sun bendum slender oval-  White spreading dense full sun bendum slender oval-  Symmetrical pendulous with age  Full sun to Dry to medium several pendulous with age  Full sun to Dry to medium several pendulous with age  Full sun to Dry to medium several pendulous with age  Full sun to Dry to medium several pendulous with age  Full sun to Dry to medium several pendulous with age  Full sun to Dry to medium several pendulous with age  Full sun to Dry to medium several pendulous with age  Full sun to Dry to medium several pendulous with age  Full sun to Dry to medium several pendulous with such several pendulous with age  Full sun to Dry to medium several pendulous with such several pendulous with several pendulous with age  Full sun to Dry to medium several pendulous with several pendulous wi | Winter King Hawthorn 25-35' 25-35' White - late May spreading, denie sprea |

#### City of Westfield Master Tree List Drought Tolerant Trees

| <u>Botanical Name</u> | Common Name   | Mature<br>Height | Mature<br>Spread | Bloom Color                  | Branching<br>Habit                       | <u>Sun</u> | Water | Fall Color                 | Indiana<br>Native | Growth<br>Rate | Comments                  |
|-----------------------|---------------|------------------|------------------|------------------------------|--|------------|-------|----------------------------|-------------------|----------------|---------------------------|
| Tilia tomentosa       | Silver Linden | 50-70'           | 30-50'           | Pale yellow, fragrant - late | upright-oval to<br>pyramidal-<br>rounded |            | · ·   | Pale green to pale Nyellow | No                | medium         | Bees attracted to flowers |

#### City of Westfield Master Tree List Wet Soil Trees

| <u>Botanical Name</u>        | Common Name             | Mature<br>Height | Mature<br>Spread | Bloom Color  | Branching<br>Habit   | <u>Sun</u>                | Water                                      | Fall Color                | Indiana<br>Native | Growth<br>Rate      | Comments                             |
|------------------------------|-------------------------|------------------|------------------|--|--|---------------------------|--|---------------------------|-------------------|---------------------|--------------------------------------|
| Wet Soil Trees               |                         |                  |                  |  |  |                           |  |                           |                   |                     |                                      |
| Acer x freemanii             | Freeman Maple           | 40-55'           | 30-40'           | Greenish-yellow to red-rarely flowers  | Varies from<br>fastigiate to<br>columnar to<br>round-crowned | Full sun to part shade    | Medium to wet                              | orange-red to scarlet-red | Hybrid            | medium to fast      |                                      |
| Acer rubrum                  | Red Maple               | 40-70'           | 30-50'           | Red, sometimes yellow - late<br>March or April   | Irregular, Ovoid,<br>or Rounded                              | Full sun to part shade    | Medium to<br>wet                           | Orange-red                | Yes               | medium to<br>fast   |                                      |
|                              |                         |                  |                  |  |  | Full sun to               | Medium to                                  |                           |                   |                     |                                      |
| Asimina triloba              | Pawpaw                  | 15-25'           | 15-25'           | Purple - early May<br>brown (male), green (female) -   | tends to sucker<br>rounded, trunk                            | part shade<br>Full sun to | wet<br>Medium to                           | Yellow                    | Yes               | medium<br>medium to |                                      |
| Betula nigra                 | River Birch             | 40-70'           | 40-60'           | around March   | usually divided  | part shade                | wet  | Yellowish                 | Yes               | fast                |                                      |
| Carya cordiformis            | Bitternut Hickory       | 50-80'           | 30-50'           | Green - April to May   | irregular,<br>cylindrical crown                              | Full sun to part shade    | Medium to<br>wet<br>Medium to              | yellow-orange             | Yes               | medium              | Develop large<br>taproot             |
| Carya laciniosa              | Shellbark Hickory       | 60-80'           | 40-60'           | Greenish yellow - April to May   | narrow oblong<br>crown, high<br>branching                    | Full sun                  | wet,<br>inhabits<br>wet<br>bottomland<br>s | Yellowish brown           | Yes               | medium              | Develop large<br>taproot             |
| Catalpa speciosa             | Northern Caltalpa       | 40-70'           | 20-50'           | Fragrant showy white with<br>purple & yellow interior<br>spotting orchid-like - May to<br>June | narrow, open,<br>irregular, oval<br>crown                    | Full sun to               | Medium to                                  | Undistinguished yellow    | Yes               | medium to<br>fast   |                                      |
|                              | Sugar Hackberry         | 60-80'           | 60-80'           | Green - late April to early May  | rounded to broad<br>rounded, often                           | Full sun to               | Medium to                                  | Undistinguished yellow    | Yes               | medium              | salt tolerant                        |
|                              | Common Hackberry        | 60-80'           | 60-80'           | Green - late April to early May  | broad top of ascending arching                               |                           |  | Undistinguished yellow    | Yes               | medium to           |                                      |
|                              | Katsura Tree            | 60-70'           | 40-50'           | N/A  | greatly variable   | Full sun to<br>part shade | Medium to<br>wet                           | Yellowish-red             | No                | medium to<br>fast   |                                      |
| Magnolia virginiana          | Sweet Bay Magnolia      | 10-35'           | 10-35'           | White, lemon scented - mid<br>June   | multi-stemmed,<br>open, upright-<br>spreading                | Full sun to part shade    | Medium to wet                              | Brownish-yellow           | Yes               | medium to           |                                      |
| Metasequoia glyptostroboides | Dawn Redwood            | 70-100'          | 15-25'           | N/A  | feathery-<br>pyramidal to<br>broad-rounded<br>crown          | Full sun                  | Medium to                                  | Brown                     | No                | very fast           |                                      |
|                              | Black Gum, Black Tupelo | 30-50'           | 20-30'           | Greenish-white - May to June   | irregularly<br>rounded or flat-<br>topped crown              | Full sun to               | Medium to wet                              | Scarlet red               | Yes               | slow to medium      | will not tolerate<br>heavy pollution |
| Platanus x acerifolia        | London Planetree        | 75-100'          | 60-75'           | Yellow (male) red - (female) -<br>April  | wide-spreading open, irregular                               | Full sun                  | Medium to wet                              | Yellow brown              | Hybrid            | medium              |                                      |
| Platanus occidentalis        | Sycamore                | 75-100'          | 75-100'          | Yellow (male) red - (female) -<br>late March   | wide-spreading open, irregular                               | Full sun                  | Medium to wet                              | Yellow brown              | Yes               | medium to fast      |                                      |
|                              | Douglas Fir             | 40-80'           | 12-20'           | N/A  | open, spired<br>pyramid                                      | Full sun                  | Medium to<br>wet                           | Evergreen                 | No                | medium              |                                      |

#### City of Westfield Master Tree List Wet Soil Trees

| <u>Botanical Name</u> | Common Name  | Mature<br>Height | Mature<br>Spread | Bloom Color                                    | Branching<br>Habit   | <u>Sun</u>  | Water         | Fall Color           | Indiana<br>Native | Growth<br>Rate | Comments  |
|-----------------------|--------------|------------------|------------------|--|--|-------------|---------------|----------------------|-------------------|----------------|---|
| Salix alba            | White Willow | 50-80'           | 40-70'           | Yellow (male) green (female) -<br>April to May | long branches<br>with flexible<br>stems forming<br>broad open,<br>round topped | Full sun to | Medium to     | Pale yellow          | No                | very fast      | invasive<br>tendencies, surface<br>roots out compete<br>other vegetation<br>and manmade<br>structures |
| Taxodium distichum    | Bald Cypress | 50-75'           | 20-45'           | N/A  | slender,<br>pyramidal. Flat-<br>topped and<br>picturesque in<br>age            | Full sun    | Medium to wet | Cinnamon<br>brownish | No                | medium         |   |

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| Botanical Name   | Common Name                             | Mature<br>Height |            | Bloom Color  | Branching<br><u>Habit</u>  | <u>Sun</u>                      | <u>Water</u>                                  | Fall Color                                     | Indiana<br>Native | Growth<br>Rate                    | Comments  | Density                            |
|--|---|------------------|------------|--|--|---------------------------------|---|--|-------------------|-----------------------------------|---|------------------------------------|
| Large shrubs 13 ft. or g   | reater                                  |                  |            |  |  |                                 |   |  |                   |                                   |   |                                    |
| Buddleia davidii   | Orange-eye Butterfly Bush, summer lilac | 10 - 15 ft       | 10 - 15 ft | lavender, lilac to purple, orange at the mouth, June | caned, arching, variable, rounded,   | full sun                        | well-drained,<br>moist                        | no fall color                                  | No                | Fast                              | Invasive, attracts butterflies  | can become<br>dense                |
| Cornus mas   | Corneliancherry Dogwood                 | 20 - 25 ft       | 15 - 20 ft | yellow, March  | oval-rounded outline,<br>multi-stemmed,<br>suckers, branch to<br>ground                  | full sun to<br>partial<br>shade | rich, well-<br>drained                        | purplish red, often<br>poor                    | No                | Medium                            | low branching   | dense and compact                  |
| Cornus racemosa  | Grey Dogwood                            | 10 - 15 ft       | 10 - 15 ft | whitish, late May to early June                      | strongly multi-<br>stemmed, erect-<br>growing, suckering                                 | sun to full<br>shade            | wet or dry soils                              | purplish red, often<br>poor                    | Yes               | Shoots: fast<br>Old Wood:<br>slow |   | medium                             |
| Elaeagnus umbellata  | Autumn Olive                            | 12 - 18 ft       | 12 - 18 ft | silvery white, May-June                              | spreading, often<br>spiny-branched   | shade                           | excellent<br>drought<br>tolerance             | no fall color                                  | No                | Fast                              | incredibly salt<br>tolerant<br>(almost impossible<br>to kill), invasive,<br>nitrogen fixing | medium                             |
| Euonymus alatus  | Burning Bush                            | 15 - 20 ft       | 15 - 20 ft | yellow-green, May to early june                      | Mounded to<br>horizontal, spreading,<br>flat-topped shrub                                | full sun to<br>heavy shade      | needs moist,<br>well-drained<br>soil, not dry | brilliant red                                  | No                | Slow                              | may naturalize  | medium                             |
| Hamamelis virginiana   | Common Witchhazel                       | 10 - 25 ft       | 10 - 20 ft | yellow, November-October                             | irregular, rounded,<br>open crown. Large,<br>crooked, spreading<br>branches              | full sun or<br>shade            | moist soil, avoid<br>extremely dry            | yellow   | Yes               | Medium                            |   | Tends<br>toward<br>openness        |
| Ligustrum obtusifolium   | Border Privet                           | 10 - 12 ft       | 12 - 15 ft | white, early to mid-June,<br>unpleasantly fragrant   | multi-stemmed,<br>broad horizontal<br>branching  | full sun to<br>partial<br>shade | very adaptable                                | russet to<br>purplish                          | No                | Medium                            | may naturalize  | medium                             |
| Pinus mugo   | Mugho Pine                              | 5 - 20 ft        | 10 - 25 ft | monoecious   | usually low, broad-<br>spreading and bushy   | sun or<br>partial<br>shade      | deep, moist<br>loam                           | evergreen                                      | No                | Slow                              |   | Dense                              |
| Taxus x media  | Anglo-Japanese Yew                      | 2 - 20 ft        | 2 - 20 ft  | green  | broad-pyramidal,<br>variable   | shade or<br>sun                 | moist, sandy<br>loam, well-<br>drained        | Evergreen                                      | Hybrid            | Slow                              |   | can become<br>dense                |
| Viburnum dentatum  | Arrowwood Viburnum                      | 6 - 15 ft        | 6 - 15 ft  | white cream, May to early<br>June                    | multi-stemmed,<br>dense, rounded with<br>spreading and<br>arching branches,<br>suckering | sun or<br>partial<br>shade      | well drained                                  | yellow to glossy<br>red to reddish<br>purple   | Yes               | Medium                            | may need<br>occational<br>rejuvenation<br>pruning   | Dense                              |
| Viburnum lantana   | Wayfaring Tree                          | 10 - 15 ft       | 10 - 15 ft | white creamy, early to mid-<br>May                   | rounded outline,<br>often leggy  | full sun to<br>part shade       | prefers well-<br>drained,<br>withstands dry   | purplish red, often<br>poor                    | No                | Medium to slow                    | attracts birds  | Medium to dense                    |
| Viburnum opulus  | European Cranberry Bush                 | 8 - 15 ft        | 8 - 15 ft  | white, may   | upright, spreading,<br>multi-stemmed,<br>arching branches                                | best in full                    | native to bog-<br>like situations             | yellow-red and reddish purple                  | No                | Medium                            |   | dense and compact                  |
| Viburnum prunifolium   | Black Haw                               | 12 - 15 ft       | 8 - 12 ft  | white creamy, May                                    | round headed, stiffly<br>branched  | sun or shade                    | does well in dry<br>soil                      | varies from purplish to red                    | Yes               | Slow                              |   | Dense                              |
| Viburnum sieboldii   | Siebold Viburnum                        | 15 - 20 ft       | 10 - 15 ft | creamy white, late May                               | open with stiff, stout, rigid branches   | part shade                      | needs moisture<br>and well-<br>drained soils  | usually green,<br>sometimes slightly<br>purple | No                | Medium                            |   | Dense center<br>with open<br>crown |
| Medium shrubs 6.5 to   | 12 ft.                                  |                  |            |  |  |                                 |   |  |                   |                                   |   |                                    |
| Acanthopanax sieboldianus<br>[new name is now Eleutherococcus<br>sieboldianus) | Fiveleaf Aralia                         | 8 - 10 ft        | 8 - 10 ft  | greenish white - yellow , May -<br>June              | Upright with arching stems which flop to form rounded outline                            | full sun to<br>heavy shade      | well drained<br>soil                          | some degree of<br>yellow - not<br>consistent   | No                | Medium to fast                    | can be severly pruned   | Medium                             |

| Botanical Name         | Common Name   | Mature<br>Height |            | Bloom Color  | Branching<br>Habit  | <u>Sun</u>                      | <u>Water</u>  | Fall Color                                     | Indiana<br>Native | Growth<br>Rate    | Comments   | Density                                  |
|------------------------|---|------------------|------------|--|---|---------------------------------|---|--|-------------------|-------------------|--|--|
| Calycanthus floridus   | Sweetshrub  | 6 - 9 ft         | 6 - 12 ft  | dark red-brown maroon to<br>almost red, May into June/July                           | dense, bushy,<br>rounded or broad<br>rounded. Often<br>straggly and unkempt               | sun or<br>shade                 | moist loam  | yellow   | No                | Medium            | attracts rabbits   | Dense in full<br>sun, looser in<br>shade |
| Chaenomeles speciosa   | Flowering Quince  | 6 - 10 ft        | 6 - 10 ft  | scarlet to red, April  | rounded, broad-<br>spreading, dense<br>twiggy, variable                                   | full sun or<br>partial<br>shade | does well in dry<br>conditions                              | no fall color                                  | No                | Medium            | branches spiny   | Very dense                               |
| Cornus alba            | Tatarian Dogwood  | 8 - 10 ft        | 5 - 10 ft  | yellowish white, May-June  | open, loose<br>appearance, erect<br>and arching, suckers                                  | sun or<br>partial<br>shade      | moist, well-<br>drained                                     | reddish purple                                 | No                | Rapid             | bright red twigs<br>in winter  | Loose                                    |
| Cornus sericea         | Red Osier Dogwood                                       | 7 - 9 ft         | 7 - 10 ft  | dull white, may to early june  | loose, broad-<br>spreading, rounded,<br>multi-stemmed,<br>horizontal branching<br>at base | sun to full<br>shade            | best in moist<br>soil, adaptable<br>to many<br>conditions   | reddish purple                                 | Yes               | Rapid             | bright red twigs<br>in winter  | Loose and<br>somewhat<br>open            |
| Forsythia x intermedia | Border Forsythia  | 8 - 10 ft        | 10 - 12 ft | pale to deep yellow,<br>March-April  | rank-growing,<br>upright and arching<br>canes, suckers                                    | full sun                        | moist, well-<br>drained                                     | green or<br>yellow-green                       | Hybrid            | Rapid             |  | Loose and somewhat open                  |
| Hamamelis vernalis     | Vernal Witchhazel                                       | 6 - 10 ft        | 8 - 12 ft  | yellow to red, variable,<br>January thru February                                    | multi-stemmed,<br>dense, rounded, neat<br>but variable, suckers                           | full sun or<br>3/4 shade        | best in moist   | yellow to gold                                 | No                | Medium            |  | Dense                                    |
| Hibiscus syriacus      | Rose-of-Sharon, Shrub Althea                            | 8 - 12 ft        | 6 - 10 ft  | white to red or purple or<br>violet, or combinations, July,<br>August thru September | erect but occationally<br>spreading, upright<br>branches                                  | full sun to<br>partial<br>shade | neither<br>extremes,<br>needs moist<br>and well-<br>drained | poor yellow                                    | No                | Medium            | attracts japanese<br>beetle  | Medium,<br>can become<br>leggy at base   |
| Hydrangea quercifolia  | Oak Leaf Hydrangea                                      | 4 - 8 ft         | 4 - 8 ft   | white, purplish pink,<br>June-July   | upright, little-<br>branched, irregular,<br>forms mounded<br>colonies                     | sun or<br>partial<br>shade      | moist, well-<br>drained                                     | red, orangish-<br>brown, purple                | Yes               | Slow to<br>medium |  | Medium to dense                          |
| llex x meserveae       | Meserveae Holly   | 8 - 12 ft        | 8 - 12 ft  | white, early April to May  | pyramidal or<br>rounded, horizontal<br>or irregular<br>branching                          | shade                           | well-drained  | evergreen                                      | Hybrid            | Medium            |  | Dense                                    |
| llex verticillata      | Winterberry, Black Alder,<br>Coralberry, Michigan Holly | 6 - 10 ft        | 6 - 10 ft  | white  | oval-rounded to<br>broad-rounded,<br>suckers  | full sun or<br>partial<br>shade | wet soil,<br>native to<br>swampy<br>conditions              | yellow to purple<br>tinged, not<br>significant | Yes               | Slow to<br>medium |  | Medium                                   |
| Juniperus communis     | Common Juniper  | 5 - 10 ft        | 8 - 12 ft  | staminate yellow   | ascending and<br>spreading branches,<br>or a much-branched<br>sprawling shrub             | full sun                        | common on dry, sterile soils                                | evergreen                                      | No                | Slow              | extremely soil<br>tolerant   | Dense                                    |
| Kolkwitzia amabilis    | Beautybush  | 6 - 10 ft        | 5 - 9 ft   | pink, yellow, May-early June   | upright arching, vase<br>shaped, somewhat<br>fountain like, leggy                         | full sun                        | well-drained  | slightly<br>yellowish to<br>reddish            | No                | Slow              |  | Medium to dense                          |
| Ligustrum x vicaryi    | Golden Privet   | 10 - 12 ft       | 7 - 10 ft  | white, May   | somewhat vase<br>shaped, oval-<br>rounded,  | full sun                        | dry to medium   | no significant<br>change                       | Hybrid            | Fast              | foliage will turn<br>more green than<br>yellow if not in full<br>sun | Medium to dense                          |
| Lindera benzoin        | Spicebush   | 6 - 12 ft        | 6 - 12 ft  | yellow   | rounded shrub<br>outline, dense and<br>full in full sun                                   | full sun to<br>part shade       | moist, well-<br>drained soils                               | yellow   | No                | Slow              |  | Loose and open                           |
| Myrica pensylvanica    | Northern Bayberry, Candleberry                          | 5 - 12 ft        | 5 - 12 ft  | yellowish green catkins,<br>late march to april                                      | upright-rounded,<br>fairly dense, suckers   | full sun to<br>half shade       | very adaptable  | no significant fall<br>change                  | No                | Medium            | very salt<br>tolerant, nitrogen<br>fixing                            | Dense                                    |

| Botanical Name                 | Common Name             | Mature<br>Height | Mature<br>Spread | Bloom Color  | Branching<br><u>Habit</u>   | <u>Sun</u>                      | <u>Water</u>   | Fall Color  | Indiana<br>Native | Growth<br>Rate    | Comments   | Density  |
|--------------------------------|-------------------------|------------------|------------------|--|---|---------------------------------|--|---|-------------------|-------------------|--|--|
| Philadelphus coronarius        | Sweet Mockorange        | 10 - 12 ft       | 10 - 12 ft       | white, may to early June                             | rounded with stiff,<br>straight, ascending<br>branches that arch<br>with age, leggy | full sun or<br>light shade      | moist, well-<br>drained  | no change in fall   | No                | Medium to fast    |  | Leggy and open with age  |
| Picea glauca 'conica'          | Dwarf Alberta Spruce    | 10 - 12 ft       | 3 - 5 ft         | pale red becoming yellow                             | broadly conical   | full sun                        | moist loam,<br>drought<br>tolerant                                 | evergreen   | No                | Medium            |  | Dense when young, opens with age                                     |
| Prunus x cistena               | Purpleleaf Sand Cherry  | 7 - 10 ft        | 6 - 9 ft         | pink, April - early May                              | small deciduous tree,<br>fine texture   | full sun                        | well-drained   | leaves remain red   | Hybrid            | Fast              | pollution tolerant   | medium,<br>leggy at base   |
| Spiraea prunifolia             | Bridalwreath Spirea     | 4 - 9 ft         | 6 - 8 ft         | white, mid to late April                             | open, coarse,<br>scraggly, often leggy,<br>upright                                  | full sun to<br>light shade      | prefers well-<br>drained soil,<br>adaptable                        | yellow-orange to purplish bronze                                      | No                | Medium            |  | Open and loose   |
| Syringa vulgaris               | Common Lilac            | 8 - 15 ft        | 6 - 12 ft        | lilac, early to mid May                              | upright leggy,<br>irregular outline,<br>cloud-like head of<br>foliage               | full sun                        | well-drained   | poor fall color   | No                | Medium            | lower part of<br>branches don't<br>have leaves                   | Medium   |
| Thuja occidentalis 'woodwardi' | Globe Arborvitae        | 8 ft             | 18 ft            | monoecious, terminal                                 | globular form, wider<br>than high   | full sun                        | needs much<br>well-drained<br>moisture                             | brown   | No                | Medium            |  | Dense and compact  |
| Viburnum x burkwoodii          | Burkwood Viburnum       | 8 - 10 ft        | 6 - 8 ft         | pink to white, April                                 | upright, multi-<br>stemmed, straggly  | full sun to<br>partial<br>shade | slightly moist,<br>well-drained                                    | sporadic wine<br>red, evergreen in<br>south                           | Hybrid            | Slow to<br>medium | Defoliated by<br>sulfur sprays,<br>prefers slightly acid<br>soil |  |
| Viburnum dilatatum             | Linden Viburnum         | 8 - 10 ft        | 6 - 8 ft         | white, may to early June                             | upright, somewhat<br>leggy, open to dense,<br>variable                              | full sun to<br>partial<br>shade | moist soil   | ranges from<br>bronze to<br>burgundy to<br>russet-red                 | No                | Slow to medium    | may naturalize   | leggy and<br>open or<br>dense and<br>compact<br>depending on<br>form |
| Viburnum farreri               | Fragrant Viburnum       | 8 - 12 ft        | 8 - 12 ft        | pinkish red to white,<br>mid-April                   | loose, unkempt and unruly   | full sun to<br>partial<br>shade | moist soil   | reddish purple  | No                | Slow              |  | loose  |
| Viburnum x juddii              | Judd Viburnum           | 6 - 8 ft         | 6 - 8 ft         | march-early april                                    | full and rounded  | full sun to<br>partial<br>shade | medium<br>moisture, well-<br>drained                               | purple  | Hybrid            | Slow to<br>medium |  | medium   |
| Viburnum plicatum              | Doublefile Viburnum     | 8 - 10 ft        | 9 - 11 ft        | white, may   | horizontal, tiered<br>branching, rounded<br>to broad rounded                        | partial<br>shade                | moist, well<br>drained soil,<br>will not tolerate<br>poor drainage | consistent<br>reddish purple  | No                | Medium            |  | Medium to dense  |
| Viburnum x rhytidophylloides   | Lantanaphyllum Viburnum | 8 - 10 ft        | 8 - 10 ft        | white cream, early to mid may                        | upright, spreading,<br>slightly arching<br>branches, rounded                        | full sun or<br>partial<br>shade | medium<br>moisture, well-<br>drained                               | semi-evergreen  | Hybrid            | Medium            |  | Medium   |
| Vitex agnus-castus             | Chaste Tree             | 8 - 10 ft        | 8 - 10 ft        | lilac or pale violet, June-July<br>through September | broad spreading,<br>multi-stemmed   | full sun                        | medium   | dies to ground in winter  | No                | Rapid             | Does best in hot weather   | Open   |
| Weigela florida                | Old-Fashoned Weigela    | 6 - 9 ft         | 9 - 12 ft        | rosy pink outside, paler<br>within, May-June         | spreading, dense,<br>rounded, coarse<br>branches arching to<br>ground               | full sun                        | well-drained   | no significant<br>fall change   | No                | Medium to fast    |  | Dense  |
| Small shrubs 3 ft. to 6 j      | ft.                     |                  |                  |  |   |                                 |  |   |                   |                   |  |  |
| Abelia x grandiflora           | Glossy Abelia           | 3 - 6 ft         | 3 - 6 ft         | white-flushed pink,<br>may-june                      | spreading, dense,<br>rounded, multi-<br>stemmed with<br>arching branches,<br>leggy  | full sun to<br>half shade       | well-drained<br>moist  | bronze-green to<br>bronze-red and<br>bronze-purple,<br>semi-evergreen | Hybrid            | Fast              |  | Dense  |

| <u>Botanical Name</u>       | Common Name                                | Mature<br>Height | Mature<br>Spread | Bloom Color                                  | Branching<br><u>Habit</u>  | <u>Sun</u>                         | <u>Water</u>   | Fall Color                                | Indiana<br>Native | Growth<br>Rate  | Comments   | <u>Density</u>    |
|-----------------------------|--|------------------|------------------|--|--|------------------------------------|--|---|-------------------|---|--|-------------------|
| Abeliophyllum distichum     | White Forsythia,<br>Korean Abelialeaf      | 3 - 5 ft         | 3 - 4 ft         | white or faintly tinged pink,<br>march-april | multi-stemmed,<br>straggly, rounded,<br>arching branches,<br>disheveled                  | full sun or<br>very light<br>shade | well-drained   | no significant fall<br>change             | No                | Range from<br>slow to fast,<br>situation<br>dependent |  | loose and open    |
| Berberis thunbergii         | Japanese Barberry                          | 3 - 6 ft         | 4 - 7 ft         | yellow, april-may                            | much-branched, very<br>dense rounded   | full sun                           | dry conditions   | orange, scarlet,<br>and reddish<br>purple | No                | Medium  |  | Dense             |
| Callicarpa japonica         | Japanese Beautyberry                       | 4 - 6 ft         | 4 - 6 ft         | pink or white, lavender, july                | bushy, rounded with arching branches   | full sun or<br>light shade         | well-drained   | pinkish lavender                          | No                | Fast  | cut down to 4 - 18"<br>in winter                       | Medium            |
| Caryopteris x clandonensis  | Bluebeard, Blue-spirea,<br>Blue-mist Shrub | 2 - 3 ft         | 2 - 3 ft         | blue to purple                               | mounding   | full sun                           | fertile, well-<br>drained soil                                   | no fall color                             | Hybrid            | Fast  | excessive fertility<br>results in rampant<br>growth    | Medium            |
| Daphne x burkwoodii         | Burkwood Daphne                            | 3 - 4 ft         | 3 - 4 ft         | pinkish tinged, white, May                   | dense, broad<br>mounded form   | full sun or<br>partial<br>shade    | needs very<br>well-drained<br>soil and<br>consistent<br>moisture | semi-evergreen                            | Hybrid            | Slow to<br>medium                                     |  | Dense             |
| Deutzia gracilis            | Slender deutzia                            | 2 - 4 ft         | 3 - 4 ft         | white, mid to late may                       | low, broad mound,<br>slender ascending<br>branches                                       | full sun or<br>very light<br>shade | well-drained   | tinge of purple,<br>not significant       | No                | Slow to<br>medium                                     | prune after<br>flowering                               | Medium to dense   |
| llex glabra 'compacta'      | Compact Inkberry Holly                     | 4 - 6 ft         | 4 - 6 ft         | creamy, late May                             | compact, oval-<br>rounded habit, fine-<br>textured branches,<br>dense, leggy             | full sun,<br>shade<br>tolerant     | moist soil   | evergreen                                 | Yes               | Slow, but<br>suckers fast                             |  | Dense and compact |
| Juniperus sabina            | Savin Juniper                              | 4 - 6 ft         | 5 - 10 ft        | non-flowering                                | extremely variable<br>from gorund cover to<br>distinctly upright                         | full sun                           | does well in<br>well-drained<br>and dry soils                    | evergreen                                 | No                | Slow  | withstands city<br>conditions, prefers<br>cold climate | Dense             |
| Kerria japonica             | Japanese Kerria,<br>Japanese Rose          | 3 - 6 ft         | 6 - 9 ft         | bright yellow, april to early may            | distinctly upright-<br>arching, broad<br>rounded dense,<br>twiggy, suckers               | full shade                         | well-drained   | some yellow,<br>not significant           | No                | Slow to<br>establish, fast<br>with time               | suckers freely<br>and can colonize<br>areas            | Dense             |
| Prunus glandulosa           | Dwarf Flowering Almond                     | 4 - 5 ft         | 3 - 4 ft         | pink or white, late April to early May       | spreading, weakly<br>multi-stemmed,<br>straggly  | full sun to<br>partial<br>shade    | moderately<br>drought<br>tolerant                                | not ornamentally important                | No                | Medium  |  | Medium to open    |
| Rhododendron PJM hybrids    | PJM Rhododendrons                          | 3 - 6 ft         | 3 - 6 ft         | bright lavender pink,<br>mid-late April      | rounded  | full sun to<br>partial<br>shade    | moist, organic<br>well-drained<br>soil                           | plum purple<br>evergreen                  | Hybrid            | Slow to<br>medium                                     |  | Dense             |
| Rhodotypos scandens         | Jetbead                                    | 3 - 6 ft         | 4 - 9 ft         | white, May to early June                     | mounded, loosely<br>branched, ascending<br>somewhat arching<br>branches, often<br>shabby | full sun or<br>shade               | variable   | green tinged with yellow                  | No                | Fast  |  | Dense             |
| Rhus aromatica 'Gro Lo'     | Gro Lo Fragrant Sumac                      | 2 - 6 ft         | 6 - 10 ft        | yellowish, mid to late<br>March - April      | low, irregular<br>spreading, suckering,<br>dense   | full sun to<br>3/4 shade           | well drained soil  | orange to red to reddish purple           | No                | Slow  |  | Dense             |
| Symphoricarpos x chenaultii | Chenault Coralberry                        | 3 - 6 ft         | 3 - 6 ft         | pink   | spreading, loose-<br>branched, fine<br>textured  | full sun to<br>partial<br>shade    | medium   | no significant<br>fall color              | Hybrid            | Medium to fast  | potential as a groundcover                             | Dense             |
| Syringa patula 'Miss Kim'   | Miss Kim Lilac,                            | 3 ft             | 3 ft             | icy blue, May-June                           | oval-rounded   | full sun to<br>partial<br>shade    | normal to moist  | reddish purple                            | No                | Slow to<br>medium                                     |  | Dense             |
| Taxus canadensis            | Canada Yew                                 | 3 - 6 ft         | 6 - 8 ft         | March and April,<br>ornamentally unimportant | prostrate, soose,<br>straggling  | part shade                         | moist, sandy<br>loam, will not<br>tolerate<br>drought            | reddish brown tint                        | Yes               | Slow  |  | Loose             |
| Dwarf shrubs 3 ft. or les   | SS   |                  |                  |  |  |                                    |  |   |                   |   |  |                   |

| Botanical Name                            | Common Name            | Mature<br>Height | Mature<br>Spread | Bloom Color                             | Branching<br>Habit   | Sun  | Water   | Fall Color                            | Indiana<br>Native | Growth<br>Rate   | Comments  | <u>Density</u>     |
|---|------------------------|------------------|------------------|---|--|--|---|---------------------------------------|-------------------|--|---|--------------------|
| Buxus microphylla                         | Littleleaf Boxwood     | 3 - 4 ft         | 3 - 4 ft         | March-April, not showy but fragrant     | much-branched,<br>compact, dense,<br>rounded or broad-<br>rounded  | full sun or<br>light shade   | requires cool,<br>moist<br>conditions                                     | evergreen                             | No                | Slow   |   | Dense and compact  |
| Chamaecyparis obtusa 'nana'               | Hinoki False Cypress   | 3 ft             | 4 ft             | yellow                                  | broad and conical<br>"wavy" branches, flat<br>topped, irregular  | sunny but<br>protected   | moist, well-<br>drained   | evergreen                             | No                | Very slow  | a 90 year old<br>specimine was 20"<br>high and 25" wide | Dense              |
| Comptonia peregrina                       | Sweet Fern             | 2 - 4 ft         | 4 - 8 ft         | yellow-green, april or early<br>may     | slender, often erect<br>branches, broad, flat-<br>topped to rounded<br>outline                             | full sun to<br>partial<br>shade                                    | variable,<br>moist  | green to brown<br>not attractive      | No                | Slow to<br>medium  | nitrogen fixing.<br>Not easily<br>transplanted          | medium to<br>dense |
| Cotoneaster apiculatus                    | Cranberry Cotoneaster  | 3 ft             | 3 - 6 ft         | pinkish, late May to early<br>June      | low, wide-spreading<br>with stiff branching<br>pattern, mounding,<br>dense                                 | full sun to<br>partial<br>shade                                    | moist, well-<br>drained,<br>drought<br>tolerant                           | bronzy red or<br>purplish             | No                | Slow, can be<br>optimized with<br>water and<br>fertilization | may collect debri<br>in winter                          | Dense              |
| Cotoneaster horizontalis                  | Rockspray Cotoneaster  | 2 - 3 ft         | 5 - 8 ft         | pink, late May to early June            | low, flat, dense,<br>horizontally<br>spreading branches,<br>tiered layered effect                          | full sun or<br>light shade   | moist, well-<br>drained, does<br>well in dry soils                        | reddish purple                        | No                | Slow to<br>medium  |   | Dense              |
| Fothergilla gardenii                      | Dwarf Fothergilla      | 2 - 3 ft         | 2 - 3 ft         | white, April to early May               | slender, crooked,<br>often spreading<br>branches, rounded<br>outline, dense,<br>suckers                    | full sun to<br>partial<br>shade                                    | moist, well-<br>drained   | brilliant yellow to orange to scarlet | No                | Slow   |   | Dense              |
| Juniperus chinensis 'pfitzerana compacta' | Nick's Compact Juniper | 1 - 1.5 ft       | 6 ft             | yellow brown to orange<br>yellow, March | bushy, compact   | full sun   | moist, well-<br>drained,<br>tolerates dry<br>soil when<br>established     | evergreen                             | No                | Slow   |   | Dense              |
| Potentilla fruticosa                      | Bush Cinquefoil        | 1 - 4 ft         | 2 - 4 ft         | bright buttercup yellow, June           | very bushy, upright<br>slender stems, low<br>rounded to broad<br>rounded outline                           | full sun for<br>best<br>flowering,<br>survives<br>partial<br>shade | withstands<br>poor, dry soils;<br>best in fertile<br>well-drained<br>soil | green to yellow-<br>brown             | Yes               | Slow   | Does not do well<br>in hot weather                      | Dense              |
| Spiraea x bumalda 'anthony waterer'       | Anthony Waterer Spirea | 3 - 4 ft         | 4 - 5 ft         | carmine-pink, late May to June          | broad, flat-topped,<br>low, densely twiggy<br>with erect branches,<br>often mounded,<br>relatively refined | full sun   | cannot tolerate<br>extremely wet  | wine red to russet<br>red             | Hybrid            | Fast   | may naturalize  | Dense              |
| Taxus baccata 'repandens'                 | Dwarf English Yew      | 2 - 4 ft         | 12 - 15 ft       | green, march - april                    | pendulous tips to<br>branches, dense   | sun or<br>shade  | moist, must be<br>very well-<br>drained                                   | evergreen                             | No                | Slow   |   | Dense              |
| Tsuga canadensis 'Abbott's Pygmy'         | Canadian Hemlock       | 1.5 ft           | 1.5 ft           | non-flowering                           | dense, pyramidal   | part shade<br>to full shade  | not drought<br>tolerant   | evergreen                             | No                | ?Medium  |   | Dense              |
| Tsuga canadensis 'Gracilis'               | Canadian Hemlock       | 2 - 3 ft         | 4 - 5 ft         | non-flowering                           | flat topped,<br>spreading, dwarf,<br>broad drooping<br>branches and an<br>open center                      | part shade<br>to full shade  | medium  | evergreen                             | No                | ?Medium  |   | Dense              |
| Tsuga canadensis 'Stockman's Dwarf'       | Canadian Hemlock       | 1.5 - 3 ft       | 2 - 4 ft         | non-flowering                           | upright, conical,<br>densely needled,<br>drooping end of<br>branches                                       | part shade<br>to full shade  | medium  | evergreen                             | No                | ?Medium  |   | Dense              |

| Botanical Name                         | Common Name                                       | Mature<br>Height | Mature        | Bloom Color                             | Branching<br>Habit   | Sun                               | <u>Water</u>  | Fall Color                      | Indiana<br>Native | Growth<br>Rate | Comments  | Density                                  |
|--|---|------------------|---------------|---|--|-----------------------------------|---|---------------------------------|-------------------|----------------|---|--|
| Yucca filamentosa                      | Yucca or Adam's Needle                            | 2 - 4 ft         | 2 - 4 ft      | white, July-August                      | low, stiffly erect and spreading leaves  | full sun to<br>partial<br>shade   | variety of soil<br>moisture, not<br>excessively wet                   | evergreen                       | No                | Medium to slow |   | Thick leaves,<br>coarse<br>texture, open |
| Ground Covers 1.5 ft. o                | or less   |                  | •             |   | <u>.</u>   |                                   |   |                                 |                   |                |   |  |
| Ajuga reptans                          | Bugleweed   | 0.5 - 0.75 ft    | 0.5 - 1 ft    | blue, May to June                       | dense, rapidly<br>spreading, mat-<br>forming   | partial<br>shade to full<br>shade | medium, well-<br>drained  | evergreen                       | No                | Fast           | attracts<br>bumblebees, will<br>spread by root<br>runners   | Dense                                    |
| Arundinaria variegata                  | Dwarf Whitestripe Bamboo<br>or Gardener's Garters | 1 - 2 ft         |               | rarely flowers                          | spreading  | full sun to<br>partial<br>shade   | medium to<br>moist, well-<br>drained                                  | evergreen                       |                   |                |   |  |
| Convallaria majalis                    | Lilly of the Valley                               | 0.5 - 1 ft       | 0.75 - 1 ft   | white, April                            | perennial,<br>rhizomatous  | part shade<br>to full shade       | medium  |                                 | No                | Fast           | deer resistant,<br>may naturalize                           | Medium                                   |
| Cotoneaster dammeri                    | Bearberry Cotoneaster                             | 1 - 2 ft         | 6 ft          | white, late May                         | very low, prostrate,<br>slender, creeping<br>stems, becomes<br>woolly and ragged                 | full sun to<br>partial<br>shade   | well-drained<br>soil  |                                 | No                | Fast           | attracts bees   | Medium                                   |
| Epimedium x perralchicum 'Frohnleiten' | Barrenwort  | 0.5 - 1 ft       | 1 - 1.5 ft    | yellow, april to may                    | rhizomatous, clump<br>-forming perennial   | part shade<br>to full shade       | dry to medium   | evergreen, zone<br>6 and warmer | Hybrid            | Slow           | mottled red<br>leaves                                       | Dense                                    |
| Galium odoratum                        | Sweet Woodruff                                    | 0.5 - 1 ft       | 0.75 - 1.5 ft | white, april to may                     | mat-forming<br>perennial<br>groundcover  | part shade<br>to full shade       | medium to wet   |                                 | No                | Medium to fast | can grow<br>aggressively in<br>favorable<br>conditions      | Dense                                    |
| Hosta (Tardiana Group) 'Halcyon'       | Hosta   | 1.5 - 2 ft       | 2.5 - 3 ft    | Lilac-blue, August                      | mound of flat, spear-<br>shaped, heavily-<br>textured, blue-green<br>leaves                      | part shade<br>to full shade       | medium, well-<br>drained, kept<br>moist in<br>summer                  | no significant<br>change        | No                | Medium         | attracts birds  | Dense                                    |
| Hosta (Tardiana Group) 'June'          | Hosta   | 0.75 - 1 ft      | 2 - 2.5 ft    | pale lavender, july - august            | mound of thick,<br>variegated leaves<br>with gold centers and<br>irregular blue-green<br>margins | part shade<br>to full shade       | medium  | no significant<br>change        | No                | Medium to slow |   | Dense                                    |
| Hypericum calycinum                    | Aaronsbeard St. John's Wort                       | 1 - 1.5 ft       | 1 - 1.5 ft    | bright yellow, June                     | stoloniferous<br>subshrub or<br>shrublet, frequently<br>planted as a<br>groundcover              | full sun or<br>partial<br>shade   | does well in poor sandy soil  |                                 | No                | Fast           |   | Dense                                    |
| Juniperus chinensis 'san jose'         | San Jose Juniper                                  | 1 - 2 ft         | 6 - 8 ft      | yellow brown to orange<br>yellow, March | spreads irregularly  | full sun                          | moist, well-<br>drained,<br>tolerates dry<br>soil when<br>established | evergreen                       | No                | Medium to slow | tolerant of urban conditions                                | Dense                                    |
| Juniperus conferta                     | Shore Juniper                                     | 1 - 2 ft         | 6 - 9 ft      | inconspicuous                           | dense, bushy,<br>procumbent  | full sun                          | does not<br>tolerate excess<br>soil moisture                          | evergreen                       | No                | Slow           | salt tolerant   | Dense                                    |
| Juniperus horizontalis                 | Creeping Juniper                                  | 1 - 2 ft         | 4 - 8 ft      | inconspicuous                           | low-growing,<br>procumbent with<br>long, trailing<br>branches forming<br>mats                    | full sun                          | withstands<br>hot dry<br>situations                                   | evergreen                       | No                | Medium         | salt tolerant, blue<br>green in summer,<br>purple in winter | Dense                                    |
| Juniperus procumbens                   | Japanese Garden Juniper                           | 1 - 2 ft         | 10 - 15 ft    | staminate yellow                        | dwarf, long wide-<br>spreading stiff<br>branches   | needs full<br>sun                 | thrives in adverse conditions   | evergreen                       | No                | Slow           | easily<br>transplantable                                    | Dense                                    |

**City of Westfield Master Shrub List** 

|                         |   |                  |                  | City of Westfield  | Master Shr  | ud List  |   |                           |                   |   |  |                   |
|-------------------------|---|------------------|------------------|--|---|--|---|---------------------------|-------------------|---|--|-------------------|
| <u>Botanical Name</u>   | Common Name                               | Mature<br>Height | Mature<br>Spread | Bloom Color  | Branching<br>Habit  | <u>Sun</u>   | <u>Water</u>  | Fall Color                | Indiana<br>Native | Growth<br>Rate                                  | Comments   | <u>Density</u>    |
| Liriope spicata         | Creeping Lilyturf or Liriope              | 0.75 - 1.5 ft    | 1 - 2 ft         | Lavender to white, August to September   | rhizomatous, grass-<br>like perennial. Forms<br>clumps of narrow,<br>arching, glossy, dark<br>green leaves      | full sun to<br>partial<br>shade                                | medium,<br>drought<br>tolerant  | evergreen                 | No                | Medium to fast                                  |  | Dense             |
| Pachysandra terminalis  | Japanese Spurge                           | 0.5 - 1 ft       |                  | white, March to early April  | groundcover<br>spreading by<br>rhizomes and<br>forming a solid mat  | prefers<br>shade,<br>yellows in<br>sun, lives in<br>deep shade | moist, well-<br>drained soils   | evergreen                 | No                | Medium to slow                                  |  | Dense             |
| Rosa Wichuraiana        | Memorial Rose                             | 1 ft             | 8 - 16 ft        | pure white with rich yellow<br>stamens, fragrant, June and<br>July                                     | procumbent shrub,<br>long green canes<br>trailing over the<br>ground and rooting,<br>will climb if<br>supported | sun  | well-drained<br>soil  |                           | No                | Fast  |  | Dense             |
| Viburnum opulus 'nanum' | Dwarf Cranberrybush                       | 1.5 - 2 ft       | 2 - 3 ft         | usually no flowers   | upright, spreading,<br>multi-stemmed,<br>rounded  | full sun to<br>partial<br>shade                                | will not stand<br>wet, poorly<br>drained                                    | yellow-red to<br>purplish | No                | Medium to slow                                  | may need occational rejuvenation pruning                             | Dense and compact |
| Vines and Climbers      |   |                  |                  |  |   |  |   |                           |                   |   |  |                   |
| Actinidia arguta        | Bower Actinidia, Tara Vine                | 25 - 30 ft       |                  | whitish or greenish<br>white, May to June  | Vigorous, high<br>climbing, twining vine<br>which requires<br>support   | full sun or<br>partial<br>shade                                | very adaptable,<br>can thrive in<br>rock hard clay                          | yellowish green           | No                | Fast  | fruit is edible -<br>kiwi  | Dense             |
| Akebia quinata          | Fiveleaf Akebia                           | 20 - 40 ft       |                  | Chocolate purple to rosy purple, March to early April  | Twining vine or rampant groundcover   | sun or<br>shade  | adaptable to<br>drought and<br>moisture                                     | no fall color             | No                | Fast  |  | Dense             |
| Celastrus scandens      | American Bittersweet                      | 20 ft            |                  | yellowish white, May to<br>June  | vigorous, twining<br>vine or vine-like<br>shrub which engulfs<br>every fence in sight                           | full sun for<br>best fruiting                                  | withstands dry<br>conditions,<br>plant in poor<br>soil to restrict<br>vigor |                           | Yes               | Fast  | Often confused<br>with oriental<br>bittersweet, which<br>is invasive | Dense             |
| Hedera helix            | English Ivy                               | up to 90 ft      |                  | greenish white, September<br>to October  | high-climbing, true-<br>clinging vine<br>attaching itself to<br>structures                                      | full sun or<br>heavy shade                                     | growth is<br>maximized in<br>rich, moist<br>organic, well-<br>drained soil  | evergreen                 | No                | Fast  |  | Dense             |
| Hydrangea anomala       | Climbing Hydrangea                        | 60 - 80 ft       |                  | white, late June to early July   | true clinging vine,<br>climbs by root-like<br>holdfasts, branches<br>protrude out from<br>structure             | full sun or<br>shade   | requires rich,<br>well-drained,<br>moist soil                               |                           | No                | Slow to<br>establish,<br>gradually<br>increases | Will grow as a<br>mounding shrub<br>without supportive<br>structure  | Dense             |
| Lonicera sempervirens   | Trumpet Honeysuckle, Coral<br>Honeysuckle | 10 - 20 ft       |                  | variable in color from<br>orange-red to red on outside<br>and yellow to yellow-orange<br>inside, April | twining vine, not as<br>vigorous or rampant<br>as Lonicera japonica,<br>Akebia, and Wisteria,<br>needs support  | full sun for<br>best flower,<br>tolerates<br>dense shade       | moist, well-<br>drained soil  |                           | Yes               | Fast  | somewhat<br>aggressive   | Dense             |

**City of Westfield Master Shrub List** 

| Botanical Name              | Common Name   | Mature<br>Height      | Mature<br>Spread | Bloom Color   | Branching<br><u>Habit</u>   | <u>Sun</u>                | <u>Water</u>   | Fall Color                   | Indiana<br>Native | Growth<br>Rate | Comments   | Density |
|-----------------------------|---|-----------------------|------------------|---|---|---------------------------|--|------------------------------|-------------------|----------------|--|---------|
| Parthenocissus quinquefolia | Virginia Creeper, Woodbine                                    | 30 - 50 ft<br>or more |                  | greenish white, June to July  | vine with tendrils<br>with have 5-8<br>branches, will<br>literally cement itself<br>to the wall, will crawl<br>on structures and<br>ground; secretes<br>calcium carbonate<br>(adhesive) | full sun or<br>full shade | will thrive in<br>almost any<br>condition, very<br>hardy                     | purple-red to<br>crimson-red | Yes               | Fast           | will climb on<br>anything, very<br>aggressive                      | Dense   |
| Parthenocissus tricuspidata | Boston Ivy  | 30 - 50 ft<br>or more |                  | yellow green, June to July  | vine with tendrils<br>with have 5-8<br>branches, will<br>literally cement itself<br>to the wall, will crawl<br>on structures and<br>ground; secretes<br>calcium carbonate<br>(adhesive) | full sun or<br>full shade | fairly<br>adaptable  | purple-red to<br>crimson-red | No                | Very fast      | Invasive. Will climb on anything, very aggressive                  | Dense   |
| Polygonum aubertii          | China or Silver Fleecevine,<br>Silver Lace Vine, Russian Vine | 25 - 35 ft            |                  | white or greenish white,<br>sometimes slightly pinkish, July<br>to August through September | Twining deciduous vine of rampant growth  | full sun or<br>shade      | does well in<br>dry soils  |                              | No                | Fast           | Invasive   | Dense   |
| Wisteria floribunda         | Japanese Wisteria   | 30 - 40 ft            |                  | violet or violet-blue, April<br>to May  | stout vine, climbs<br>by twining stems<br>which curve<br>clockwise to develop<br>twisted woody<br>trunks, requires<br>significant support   | full sun                  | deep, moist,<br>well-drained<br>soil   | no significant<br>fall color | No                | Fast           | Invasive. Needs<br>strong supports to<br>hold the vine's<br>weight | Dense   |
| Wisteria frutescens         | American Wisteria   | 20 - 30 ft            |                  | pale lilac-purple, June to<br>August  | stout vine, climbs<br>by twining stems<br>which curve<br>clockwise to develop<br>twisted woody<br>trunks, requires<br>significant support   | full sun                  | occurs<br>naturally along<br>moist shores of<br>streams, ponds,<br>and lakes |                              | Yes               | Fast           |  | Dense   |

| Botanical Name   | Common Name                                       | Mature<br>Height | Mature<br>Spread | Bloom Color  | Branching<br><u>Habit</u>   | <u>Sun</u>                         | <u>Water</u>  | Fall Color  | Indiana<br>Native | Growth<br>Rate  | Comments   | Density                                  |
|--|---|------------------|------------------|--|---|------------------------------------|---|---|-------------------|---|--|--|
| Full Sun Shrubs  |   |                  |                  |  |   |                                    |   |   |                   |   |  |  |
| Abelia x grandiflora   | Glossy Abelia                                     | 3 - 6 ft         | 3 - 6 ft         | white-flushed pink,<br>may-june                            | spreading, dense,<br>rounded, multi-<br>stemmed with<br>arching branches,<br>leggy    | full sun to<br>half shade          | well-drained<br>moist   | bronze-green to<br>bronze-red and<br>bronze-purple,<br>semi-evergreen | Hybrid            | Fast  |  | Dense                                    |
| Abeliophyllum distichum  | White Forsythia,<br>Korean Abelialeaf             | 3 - 5 ft         | 3 - 4 ft         | white or faintly tinged pink,<br>march-april               | multi-stemmed,<br>straggly, rounded,<br>arching branches,<br>disheveled               | full sun or<br>very light<br>shade | well-drained  | no significant fall<br>change   | No                | Range from<br>slow to fast,<br>situation<br>dependent |  | loose and open                           |
| Acanthopanax sieboldianus<br>[new name is now Eleutherococcus<br>sieboldianus) | Fiveleaf Aralia                                   | 8 - 10 ft        | 8 - 10 ft        | greenish white - yellow , May -<br>June                    | Upright with arching stems which flop to form rounded outline                         | full sun to<br>heavy shade         | well drained<br>soil  | some degree of<br>yellow - not<br>consistent                          | No                | Medium to fast  | can be severly pruned  | Medium                                   |
| Actinidia arguta   | Bower Actinidia, Tara Vine                        | 25 - 30 ft       |                  | whitish or greenish<br>white, May to June                  | Vigorous, high<br>climbing, twining vine<br>which requires<br>support                 | full sun or<br>partial<br>shade    | very adaptable,<br>can thrive in<br>rock hard clay                          | yellowish green   | No                | Fast  | fruit is edible -<br>kiwi  | Dense                                    |
| Arundinaria variegata  | Dwarf Whitestripe Bamboo<br>or Gardener's Garters | 1 - 2 ft         |                  | rarely flowers   | spreading   | full sun to<br>partial<br>shade    | medium to<br>moist, well-<br>drained  | evergreen   |                   |   |  |  |
| Berberis thunbergii  | Japanese Barberry                                 | 3 - 6 ft         | 4 - 7 ft         | yellow, april-may  | much-branched, very<br>dense rounded  | full sun                           | dry conditions  | orange, scarlet,<br>and reddish<br>purple                             | No                | Medium  |  | Dense                                    |
| Buddleia davidii   | Orange-eye Butterfly Bush, summer lilac           | 10 - 15 ft       | 10 - 15 ft       | lavender, lilac to purple, orange at the mouth, June       | caned, arching, variable, rounded,  | full sun                           | well-drained,<br>moist  | no fall color   | No                | Fast  | Invasive, attracts butterflies                                       | can become<br>dense                      |
| Buxus microphylla  | Littleleaf Boxwood                                | 3 - 4 ft         | 3 - 4 ft         | March-April, not showy but fragrant                        | much-branched,<br>compact, dense,<br>rounded or broad-<br>rounded                     | full sun or<br>light shade         | requires cool,<br>moist<br>conditions                                       | evergreen   | No                | Slow  |  | Dense and compact                        |
| Callicarpa japonica  | Japanese Beautyberry                              | 4 - 6 ft         | 4 - 6 ft         | pink or white, lavender, july                              | bushy, rounded with arching branches  | full sun or<br>light shade         | well-drained  | pinkish lavender  | No                | Fast  | cut down to 4 - 18"<br>in winter                                     | Medium                                   |
| Calycanthus floridus   | Sweetshrub  | 6 - 9 ft         | 6 - 12 ft        | dark red-brown maroon to<br>almost red, May into June/July | dense, bushy,<br>rounded or broad<br>rounded. Often<br>straggly and unkempt           | sun or<br>shade                    | moist loam  | yellow  | No                | Medium  | attracts rabbits   | Dense in full<br>sun, looser in<br>shade |
| Caryopteris x clandonensis   | Bluebeard, Blue-spirea,<br>Blue-mist Shrub        | 2 - 3 ft         | 2 - 3 ft         | blue to purple   | mounding  | full sun                           | fertile, well-<br>drained soil  | no fall color   | Hybrid            | Fast  | excessive fertility<br>results in rampant<br>growth                  | Medium                                   |
| Celastrus scandens   | American Bittersweet                              | 20 ft            |                  | yellowish white, May to<br>June                            | vigorous, twining<br>vine or vine-like<br>shrub which engulfs<br>every fence in sight | full sun for<br>best fruiting      | withstands dry<br>conditions,<br>plant in poor<br>soil to restrict<br>vigor |   | Yes               | Fast  | Often confused<br>with oriental<br>bittersweet, which<br>is invasive | Dense                                    |
| Chaenomeles speciosa   | Flowering Quince                                  | 6 - 10 ft        | 6 - 10 ft        | scarlet to red, April                                      | rounded, broad-<br>spreading, dense<br>twiggy, variable                               | full sun or<br>partial<br>shade    | does well in dry<br>conditions  | no fall color   | No                | Medium  | branches spiny   | Very dense                               |
| Chamaecyparis obtusa 'nana'  | Hinoki False Cypress                              | 3 ft             | 4 ft             | yellow   | broad and conical<br>"wavy" branches, flat<br>topped, irregular                       | sunny but<br>protected             | moist, well-<br>drained   | evergreen   | No                | Very slow   | a 90 year old<br>specimine was 20"<br>high and 25" wide              | Dense                                    |

| Botanical Name                   | Common Name             | Mature<br>Height | Mature<br>Spread | Bloom Color                                 | Branching<br>Habit  | <u>Sun</u>                         | Water  | Fall Color                            | Indiana<br>Native | Growth<br>Rate                                      | Comments                                       | Density                       |
|----------------------------------|-------------------------|------------------|------------------|---|---|------------------------------------|--|---------------------------------------|-------------------|---|--|-------------------------------|
| Clematis terniflora (paniculata) | Sweetautumn Clematis    | 10 - 20 ft       |                  | white, August into September<br>and October | rampant,<br>rampaging vine, will<br>engulf structures                                     | full sun to<br>partial<br>shade    | medium, well-<br>drained   |                                       |                   |   |  |                               |
| Comptonia peregrina              | Sweet Fern              | 2 - 4 ft         | 4 - 8 ft         | yellow-green, april or early<br>may         | slender, often erect<br>branches, broad, flat-<br>topped to rounded<br>outline            | full sun to<br>partial<br>shade    | variable,<br>moist   | green to brown<br>not attractive      | No                | Slow to<br>medium                                   | nitrogen fixing.<br>Not easily<br>transplanted | medium to<br>dense            |
| Cornus alba                      | Tatarian Dogwood        | 8 - 10 ft        | 5 - 10 ft        | yellowish white, May-June                   | open, loose<br>appearance, erect<br>and arching, suckers                                  | sun or<br>partial<br>shade         | moist, well-<br>drained  | reddish purple                        | No                | Rapid   | bright red twigs<br>in winter                  | Loose                         |
| Cornus mas                       | Corneliancherry Dogwood | 20 - 25 ft       | 15 - 20 ft       | yellow, March                               | oval-rounded outline,<br>multi-stemmed,<br>suckers, branch to<br>ground                   | full sun to<br>partial<br>shade    | rich, well-<br>drained   | purplish red, often<br>poor           | No                | Medium  | low branching                                  | dense and compact             |
| Cornus sericea                   | Red Osier Dogwood       | 7 - 9 ft         | 7 - 10 ft        | dull white, may to early june               | loose, broad-<br>spreading, rounded,<br>multi-stemmed,<br>horizontal branching<br>at base | sun to full<br>shade               | best in moist<br>soil, adaptable<br>to many<br>conditions        | reddish purple                        | Yes               | Rapid   | bright red twigs<br>in winter                  | Loose and<br>somewhat<br>open |
| Cotoneaster apiculatus           | Cranberry Cotoneaster   | 3 ft             | 3 - 6 ft         | pinkish, late May to early<br>June          | low, wide-spreading<br>with stiff branching<br>pattern, mounding,<br>dense                | full sun to<br>partial<br>shade    | moist, well-<br>drained,<br>drought<br>tolerant                  | bronzy red or<br>purplish             | No                | Slow, can be optimized with water and fertilization | may collect debri<br>in winter                 | Dense                         |
| Cotoneaster dammeri              | Bearberry Cotoneaster   | 1 - 2 ft         | 6 ft             | white, late May                             | very low, prostrate,<br>slender, creeping<br>stems, becomes<br>woolly and ragged          | full sun to<br>partial<br>shade    | well-drained<br>soil   |                                       | No                | Fast  | attracts bees                                  | Medium                        |
| Cotoneaster horizontalis         | Rockspray Cotoneaster   | 2 - 3 ft         | 5 - 8 ft         | pink, late May to early June                | low, flat, dense,<br>horizontally<br>spreading branches,<br>tiered layered effect         | full sun or<br>light shade         | moist, well-<br>drained, does<br>well in dry soils               | reddish purple                        | No                | Slow to<br>medium                                   |  | Dense                         |
| Daphne x burkwoodii              | Burkwood Daphne         | 3 - 4 ft         | 3 - 4 ft         | pinkish tinged, white, May                  | dense, broad<br>mounded form  | full sun or<br>partial<br>shade    | needs very<br>well-drained<br>soil and<br>consistent<br>moisture | semi-evergreen                        | Hybrid            | Slow to<br>medium                                   |  | Dense                         |
| Deutzia gracilis                 | Slender deutzia         | 2 - 4 ft         | 3 - 4 ft         | white, mid to late may                      | low, broad mound,<br>slender ascending<br>branches  | full sun or<br>very light<br>shade | well-drained   | tinge of purple,<br>not significant   | No                | Slow to<br>medium                                   | prune after<br>flowering                       | Medium to dense               |
| Euonymus alatus                  | Burning Bush            | 15 - 20 ft       | 15 - 20 ft       | yellow-green, May to early june             | Mounded to horizontal, spreading, flat-topped shrub                                       | full sun to<br>heavy shade         | needs moist,<br>well-drained<br>soil, not dry                    | brilliant red                         | No                | Slow  | may naturalize                                 | medium                        |
| Forsythia x intermedia           | Border Forsythia        | 8 - 10 ft        | 10 - 12 ft       | pale to deep yellow,<br>March-April         | rank-growing,<br>upright and arching<br>canes, suckers                                    | full sun                           | moist, well-<br>drained  | green or<br>yellow-green              | Hybrid            | Rapid   |  | Loose and<br>somewhat<br>open |
| Fothergilla gardenii             | Dwarf Fothergilla       | 2 - 3 ft         | 2 - 3 ft         | white, April to early May                   | slender, crooked,<br>often spreading<br>branches, rounded<br>outline, dense,<br>suckers   | full sun to<br>partial<br>shade    | moist, well-<br>drained  | brilliant yellow to orange to scarlet | No                | Slow  |  | Dense                         |

| Botanical Name                            | Common Name   | Mature<br>Height | Mature<br>Spread | Bloom Color  | Branching<br>Habit  | <u>Sun</u>                      | <u>Water</u>  | Fall Color                                     | Indiana<br>Native | Growth<br>Rate                                  | Comments   | Density                                |
|---|---|------------------|------------------|--|---|---------------------------------|---|--|-------------------|---|--|--|
| Hamamelis vernalis                        | Vernal Witchhazel                                       | 6 - 10 ft        | 8 - 12 ft        | yellow to red, variable,<br>January thru February                                    | multi-stemmed,<br>dense, rounded, neat<br>but variable, suckers                                     | full sun or<br>3/4 shade        | best in moist   | yellow to gold                                 | No                | Medium  |  | Dense                                  |
| Hamamelis virginiana                      | Common Witchhazel                                       | 10 - 25 ft       | 10 - 20 ft       | yellow, November-October   | irregular, rounded,<br>open crown. Large,<br>crooked, spreading<br>branches                         | full sun or<br>shade            | moist soil, avoid<br>extremely dry                                    | yellow   | Yes               | Medium  |  | Tends<br>toward<br>openness            |
| Hedera helix                              | English Ivy   | up to 90 ft      |                  | greenish white, September<br>to October  | high-climbing, true-<br>clinging vine<br>attaching itself to<br>structures                          | full sun or<br>heavy shade      | organic, well-<br>drained soil  | evergreen                                      | No                | Fast  |  | Dense                                  |
| Hibiscus syriacus                         | Rose-of-Sharon, Shrub Althea                            | 8 - 12 ft        | 6 - 10 ft        | white to red or purple or<br>violet, or combinations, July,<br>August thru September | erect but occationally<br>spreading, upright<br>branches  | full sun to<br>partial<br>shade | neither<br>extremes,<br>needs moist<br>and well-<br>drained           | poor yellow                                    | No                | Medium  | attracts japanese<br>beetle                                | Medium,<br>can become<br>leggy at base |
| Hydrangea anomala                         | Climbing Hydrangea                                      | 60 - 80 ft       |                  | white, late June to early July   | true clinging vine,<br>climbs by root-like<br>holdfasts, branches<br>protrude out from<br>structure | full sun or<br>shade            | requires rich,<br>well-drained,<br>moist soil                         |  | No                | Slow to<br>establish,<br>gradually<br>increases | Will grow as a mounding shrub without supportive structure | Dense                                  |
| Hydrangea quercifolia                     | Oak Leaf Hydrangea                                      | 4 - 8 ft         | 4 - 8 ft         | white, purplish pink,<br>June-July   | upright, little-<br>branched, irregular,<br>forms mounded<br>colonies                               | sun or<br>partial<br>shade      | moist, well-<br>drained   | red, orangish-<br>brown, purple                | Yes               | Slow to<br>medium                               |  | Medium to dense                        |
| Hypericum calycinum                       | Aaronsbeard St. John's Wort                             | 1 - 1.5 ft       | 1 - 1.5 ft       | bright yellow, June  | stoloniferous<br>subshrub or<br>shrublet, frequently<br>planted as a<br>groundcover                 | full sun or<br>partial<br>shade | does well in poor sandy soil  |  | No                | Fast  |  | Dense                                  |
| Ilex glabra 'compacta'                    | Compact Inkberry Holly                                  | 4 - 6 ft         | 4 - 6 ft         | creamy, late May   | compact, oval-<br>rounded habit, fine-<br>textured branches,<br>dense, leggy                        | full sun,<br>shade<br>tolerant  | moist soil  | evergreen                                      | Yes               | Slow, but<br>suckers fast                       |  | Dense and compact                      |
| llex verticillata                         | Winterberry, Black Alder,<br>Coralberry, Michigan Holly | 6 - 10 ft        | 6 - 10 ft        | white  | oval-rounded to<br>broad-rounded,<br>suckers  | full sun or<br>partial<br>shade | wet soil, native to swampy conditions                                 | yellow to purple<br>tinged, not<br>significant | Yes               | Slow to<br>medium                               |  | Medium                                 |
| Juniperus chinensis 'pfitzerana compacta' | Nick's Compact Juniper                                  | 1 - 1.5 ft       | 6 ft             | yellow brown to orange<br>yellow, March  | bushy, compact  | full sun                        | moist, well-<br>drained,<br>tolerates dry<br>soil when<br>established | evergreen                                      | No                | Slow  |  | Dense                                  |
| Juniperus chinensis 'san jose'            | San Jose Juniper  | 1 - 2 ft         | 6 - 8 ft         | yellow brown to orange<br>yellow, March  | spreads irregularly   | full sun                        | moist, well-<br>drained,<br>tolerates dry<br>soil when<br>established | evergreen                                      | No                | Medium to slow                                  | tolerant of urban conditions                               | Dense                                  |
| Juniperus communis                        | Common Juniper  | 5 - 10 ft        | 8 - 12 ft        | staminate yellow   | ascending and<br>spreading branches,<br>or a much-branched<br>sprawling shrub                       | full sun                        | common on<br>dry, sterile soils                                       | evergreen                                      | No                | Slow  | extremely soil<br>tolerant                                 | Dense                                  |
| Juniperus conferta                        | Shore Juniper   | 1 - 2 ft         | 6 - 9 ft         | inconspicuous  | dense, bushy,<br>procumbent   | full sun                        | does not<br>tolerate excess<br>soil moisture                          | evergreen                                      | No                | Slow  | salt tolerant  | Dense                                  |

| Mature Mature . Branching Indiana Growth |   |                       |                  |  |   |  |  |                                     |                   |                |  |                                  |
|--|---|-----------------------|------------------|--|---|--|--|-------------------------------------|-------------------|----------------|--|----------------------------------|
| <u>Botanical Name</u>                    | Common Name                               | Mature<br>Height      | Mature<br>Spread | Bloom Color  | Branching<br><u>Habit</u>   | <u>Sun</u>   | Water  | Fall Color                          | Indiana<br>Native | Growth<br>Rate | Comments   | Density                          |
| Juniperus horizontalis                   | Creeping Juniper                          | 1 - 2 ft              | 4 - 8 ft         | inconspicuous  | low-growing,<br>procumbent with<br>long, trailing<br>branches forming<br>mats   | full sun   | withstands<br>hot dry<br>situations                      | evergreen                           | No                | Medium         | salt tolerant, blue<br>green in summer,<br>purple in winter          | Dense                            |
| Juniperus procumbens                     | Japanese Garden Juniper                   | 1 - 2 ft              | 10 - 15 ft       | staminate yellow   | dwarf, long wide-<br>spreading stiff<br>branches  | needs full<br>sun  | thrives in adverse conditions                            | evergreen                           | No                | Slow           | easily<br>transplantable   | Dense                            |
| Juniperus sabina                         | Savin Juniper                             | 4 - 6 ft              | 5 - 10 ft        | non-flowering  | extremely variable<br>from gorund cover to<br>distinctly upright  | full sun   | does well in<br>well-drained<br>and dry soils            | evergreen                           | No                | Slow           | withstands city<br>conditions, prefers<br>cold climate               | Dense                            |
| Kolkwitzia amabilis                      | Beautybush                                | 6 - 10 ft             | 5 - 9 ft         | pink, yellow, May-early June   | upright arching, vase<br>shaped, somewhat<br>fountain like, leggy   | full sun   | well-drained   | slightly<br>yellowish to<br>reddish | No                | Slow           |  | Medium to dense                  |
| Ligustrum obtusifolium                   | Border Privet                             | 10 - 12 ft            | 12 - 15 ft       | white, early to mid-June,<br>unpleasantly fragrant   | multi-stemmed,<br>broad horizontal<br>branching   | full sun to<br>partial<br>shade                          | very adaptable   | russet to purplish                  | No                | Medium         | may naturalize   | medium                           |
| Ligustrum x vicaryi                      | Golden Privet                             | 10 - 12 ft            | 7 - 10 ft        | white, May   | somewhat vase<br>shaped, oval-<br>rounded,  | full sun   | dry to medium  | no significant<br>change            | Hybrid            | Fast           | foliage will turn<br>more green than<br>yellow if not in full<br>sun | Medium to dense                  |
| Lindera benzoin                          | Spicebush                                 | 6 - 12 ft             | 6 - 12 ft        | yellow   | rounded shrub<br>outline, dense and<br>full in full sun   | full sun to<br>part shade                                | moist, well-<br>drained soils                            | yellow                              | No                | Slow           |  | Loose and open                   |
| Liriope spicata                          | Creeping Lilyturf or Liriope              | 0.75 - 1.5 ft         | 1 - 2 ft         | Lavender to white, August to September   | rhizomatous, grass-<br>like perennial. Forms<br>clumps of narrow,<br>arching, glossy, dark<br>green leaves  | full sun to<br>partial<br>shade                          | medium,<br>drought<br>tolerant                           | evergreen                           | No                | Medium to fast |  | Dense                            |
| Lonicera sempervirens                    | Trumpet Honeysuckle, Coral<br>Honeysuckle | 10 - 20 ft            |                  | variable in color from<br>orange-red to red on outside<br>and yellow to yellow-orange<br>inside, April | twining vine, not as<br>vigorous or rampant<br>as Lonicera japonica,<br>Akebia, and Wisteria,<br>needs support  | full sun for<br>best flower,<br>tolerates<br>dense shade | drained soil   |                                     | Yes               | Fast           | somewhat<br>aggressive   | Dense                            |
| Myrica pensylvanica                      | Northern Bayberry, Candleberry            | 5 - 12 ft             | 5 - 12 ft        | yellowish green catkins,<br>late march to april  | upright-rounded,<br>fairly dense, suckers   | full sun to<br>half shade                                | very adaptable   | no significant fall<br>change       | No                | Medium         | very salt<br>tolerant, nitrogen<br>fixing                            | Dense                            |
| Parthenocissus quinquefolia              | Virginia Creeper, Woodbine                | 30 - 50 ft<br>or more |                  | greenish white, June to July   | vine with tendrils<br>with have 5-8<br>branches, will<br>literally cement itself<br>to the wall, will crawl<br>on structures and<br>ground; secretes<br>calcium carbonate<br>(adhesive) | full sun or<br>full shade                                | will thrive in<br>almost any<br>condition, very<br>hardy | purple-red to<br>crimson-red        | Yes               | Fast           | will climb on<br>anything, very<br>aggressive                        | Dense                            |
| Philadelphus coronarius                  | Sweet Mockorange                          | 10 - 12 ft            | 10 - 12 ft       | white, may to early June   | rounded with stiff,<br>straight, ascending<br>branches that arch<br>with age, leggy   | full sun or<br>light shade                               | moist, well-<br>drained                                  | no change in fall                   | No                | Medium to fast |  | Leggy and open with age          |
| Picea glauca 'conica'                    | Dwarf Alberta Spruce                      | 10 - 12 ft            | 3 - 5 ft         | pale red becoming yellow   | broadly conical   | full sun   | moist loam,<br>drought<br>tolerant                       | evergreen                           | No                | Medium         |  | Dense when young, opens with age |

| Botanical Name                      | Common Name            | Mature<br>Height | Mature<br>Spread | Bloom Color  | Branching<br><u>Habit</u>   | <u>Sun</u>   | <u>Water</u>  | Fall Color                                  | Indiana<br>Native | Growth<br>Rate    | Comments   | Density                  |
|-------------------------------------|------------------------|------------------|------------------|--|---|--|---|---|-------------------|-------------------|--|--------------------------|
| Potentilla fruticosa                | Bush Cinquefoil        | 1 - 4 ft         | 2 - 4 ft         | bright buttercup yellow, June                                      | very bushy, upright<br>slender stems, low<br>rounded to broad<br>rounded outline                                | full sun for<br>best<br>flowering,<br>survives<br>partial<br>shade | withstands<br>poor, dry soils;<br>best in fertile<br>well-drained<br>soil | green to yellow-<br>brown                   | Yes               | Slow              | Does not do well<br>in hot weather                               | Dense                    |
| Prunus glandulosa                   | Dwarf Flowering Almond | 4 - 5 ft         | 3 - 4 ft         | pink or white, late April to<br>early May                          | spreading, weakly<br>multi-stemmed,<br>straggly   | full sun to<br>partial<br>shade                                    | moderately<br>drought<br>tolerant   | not ornamentally important                  | No                | Medium            |  | Medium to open           |
| Prunus x cistena                    | Purpleleaf Sand Cherry | 7 - 10 ft        | 6 - 9 ft         | pink, April - early May  | small deciduous tree,<br>fine texture   | full sun   | well-drained  | leaves remain<br>red                        | Hybrid            | Fast              | pollution tolerant   | medium,<br>leggy at base |
| Rhododendron PJM hybrids            | PJM Rhododendrons      | 3 - 6 ft         | 3 - 6 ft         | bright lavender pink,<br>mid-late April                            | rounded   | full sun to<br>partial<br>shade                                    | moist, organic<br>well-drained<br>soil                                    | plum purple<br>evergreen                    | Hybrid            | Slow to<br>medium |  | Dense                    |
| Rhodotypos scandens                 | Jetbead                | 3 - 6 ft         | 4 - 9 ft         | white, May to early June   | mounded, loosely<br>branched, ascending<br>somewhat arching<br>branches, often<br>shabby                        | full sun or<br>shade   | variable  | green tinged with yellow                    | No                | Fast              |  | Dense                    |
| Rhus aromatica 'Gro Lo'             | Gro Lo Fragrant Sumac  | 2 - 6 ft         | 6 - 10 ft        | yellowish, mid to late<br>March - April                            | low, irregular<br>spreading, suckering,<br>dense  | full sun to<br>3/4 shade   | well drained soil   | orange to red to reddish purple             | No                | Slow              |  | Dense                    |
| Rosa Wichuraiana                    | Memorial Rose          | 1 ft             | 8 - 16 ft        | pure white with rich yellow<br>stamens, fragrant, June and<br>July | procumbent shrub,<br>long green canes<br>trailing over the<br>ground and rooting,<br>will climb if<br>supported | sun  | well-drained  |   | No                | Fast              |  | Dense                    |
| Spiraea x bumalda 'anthony waterer' | Anthony Waterer Spirea | 3 - 4 ft         | 4 - 5 ft         | carmine-pink, late May to June                                     | broad, flat-topped,<br>low, densely twiggy<br>with erect branches,<br>often mounded,<br>relatively refined      | full sun   | cannot tolerate<br>extremely wet  | wine red to russet<br>red                   | Hybrid            | Fast              | may naturalize   | Dense                    |
| Spiraea prunifolia                  | Bridalwreath Spirea    | 4 - 9 ft         | 6 - 8 ft         | white, mid to late April   | open, coarse,<br>scraggly, often leggy,<br>upright  | full sun to<br>light shade   | prefers well-<br>drained soil,<br>adaptable                               | yellow-orange to purplish bronze            | No                | Medium            |  | Open and loose           |
| Symphoricarpos x chenaultii         | Chenault Coralberry    | 3 - 6 ft         | 3 - 6 ft         | pink   | spreading, loose-<br>branched, fine<br>textured   | full sun to<br>partial<br>shade                                    | medium  | no significant<br>fall color                | Hybrid            | Medium to fast    | potential as a groundcover                                       | Dense                    |
| Syringa patula 'Miss Kim'           | Miss Kim Lilac,        | 3 ft             | 3 ft             | icy blue, May-June   | oval-rounded  | full sun to<br>partial<br>shade                                    | normal to moist   | reddish purple                              | No                | Slow to<br>medium |  | Dense                    |
| Syringa vulgaris                    | Common Lilac           | 8 - 15 ft        | 6 - 12 ft        | lilac, early to mid May  | upright leggy,<br>irregular outline,<br>cloud-like head of<br>foliage   | full sun   | well-drained  | poor fall color                             | No                | Medium            | lower part of<br>branches don't<br>have leaves                   | Medium                   |
| Thuja occidentalis 'woodwardi'      | Globe Arborvitae       | 8 ft             | 18 ft            | monoecious, terminal   | globular form, wider<br>than high   | full sun   | needs much<br>well-drained<br>moisture                                    | brown                                       | No                | Medium            |  | Dense and compact        |
| Viburnum x burkwoodii               | Burkwood Viburnum      | 8 - 10 ft        | 6 - 8 ft         | pink to white, April   | upright, multi-<br>stemmed, straggly  | full sun to<br>partial<br>shade                                    | slightly moist,<br>well-drained   | sporadic wine<br>red, evergreen in<br>south | Hybrid            | Slow to<br>medium | Defoliated by<br>sulfur sprays,<br>prefers slightly acid<br>soil | Medium                   |

| Botanical Name               | Common Name             |               | Mature        | Bloom Color  | Branching   | Sun                             | Water  | Fall Color  | Indiana       | Growth            | Comments  | Density  |
|------------------------------|-------------------------|---------------|---------------|--|---|---------------------------------|--|---|---------------|-------------------|---|--|
| Dotallied Ivalie             | <u> </u>                | <u>Height</u> | <u>Spread</u> | <u> </u>   | <u>Habit</u>  | <u> </u>                        | 114101   | 1411 55151  | <u>Native</u> | <u>Rate</u>       |   | 20110114   |
| Viburnum dilatatum           | Linden Viburnum         | 8 - 10 ft     | 6 - 8 ft      | white, may to early June                             | upright, somewhat<br>leggy, open to dense,<br>variable  | full sun to<br>partial<br>shade | moist soil   | ranges from<br>bronze to<br>burgundy to<br>russet-red | No            | Slow to<br>medium | may naturalize                                    | leggy and<br>open or<br>dense and<br>compact<br>depending on<br>form |
| Viburnum farreri             | Fragrant Viburnum       | 8 - 12 ft     | 8 - 12 ft     | pinkish red to white,<br>mid-April                   | loose, unkempt and unruly   | full sun to<br>partial<br>shade | moist soil   | reddish purple  | No            | Slow              |   | loose  |
| Viburnum x juddii            | Judd Viburnum           | 6 - 8 ft      | 6 - 8 ft      | march-early april                                    | full and rounded  | full sun to<br>partial<br>shade | medium<br>moisture, well-<br>drained   | purple  | Hybrid        | Slow to<br>medium |   | medium   |
| Viburnum lantana             | Wayfaring Tree          | 10 - 15 ft    | 10 - 15 ft    | white creamy, early to mid-<br>May                   | rounded outline,<br>often leggy   | full sun to<br>part shade       | prefers well-<br>drained,<br>withstands dry                                  | purplish red, often<br>poor                           | No            | Medium to slow    | attracts birds                                    | Medium to dense  |
| Viburnum opulus              | European Cranberry Bush | 8 - 15 ft     | 8 - 15 ft     | white, may   | upright, spreading,<br>multi-stemmed,<br>arching branches   | best in full<br>sun             | native to bog-<br>like situations  | yellow-red and reddish purple                         | No            | Medium            |   | dense and compact  |
| Viburnum opulus 'nanum'      | Dwarf Cranberrybush     | 1.5 - 2 ft    | 2 - 3 ft      | usually no flowers                                   | upright, spreading,<br>multi-stemmed,<br>rounded  | full sun to<br>partial<br>shade | will not stand<br>wet, poorly<br>drained                                     | yellow-red to<br>purplish                             | No            | Medium to slow    | may need<br>occational<br>rejuvenation<br>pruning | Dense and compact  |
| Viburnum prunifolium         | Black Haw               | 12 - 15 ft    | 8 - 12 ft     | white creamy, May                                    | round headed, stiffly branched  | sun or<br>shade                 | does well in dry<br>soil   | varies from purplish to red                           | Yes           | Slow              |   | Dense  |
| Viburnum x rhytidophylloides | Lantanaphyllum Viburnum | 8 - 10 ft     | 8 - 10 ft     | white cream, early to mid may                        | upright, spreading,<br>slightly arching<br>branches, rounded  | full sun or<br>partial<br>shade | medium<br>moisture, well-<br>drained   | semi-evergreen  | Hybrid        | Medium            |   | Medium   |
| Vitex agnus-castus           | Chaste Tree             | 8 - 10 ft     | 8 - 10 ft     | lilac or pale violet, June-July<br>through September | broad spreading,<br>multi-stemmed   | full sun                        | medium   | dies to ground in winter                              | No            | Rapid             | Does best in hot weather                          | Open   |
| Weigela florida              | Old-Fashoned Weigela    | 6 - 9 ft      | 9 - 12 ft     | rosy pink outside, paler<br>within, May-June         | spreading, dense,<br>rounded, coarse<br>branches arching to<br>ground   | full sun                        | well-drained   | no significant<br>fall change                         | No            | Medium to fast    |   | Dense  |
| Wisteria frutescens          | American Wisteria       | 20 - 30 ft    |               | pale lilac-purple, June to<br>August                 | stout vine, climbs<br>by twining stems<br>which curve<br>clockwise to develop<br>twisted woody<br>trunks, requires<br>significant support | full sun                        | occurs<br>naturally along<br>moist shores of<br>streams, ponds,<br>and lakes |   | Yes           | Fast              |   | Dense  |
| Yucca filamentosa            | Yucca or Adam's Needle  | 2 - 4 ft      | 2 - 4 ft      | white, July-August                                   | low, stiffly erect and spreading leaves   | full sun to<br>partial<br>shade | variety of soil<br>moisture, not<br>excessively wet                          | evergreen   | No            | Medium to slow    |   | Thick leaves,<br>coarse<br>texture, open                             |

## City of Westfield Master Shrub List Shade Shrubs

| Botanical Name   | Common Name         | Mature<br>Height | 1             | Bloom Color                             | Branching<br>Habit  | <u>Sun</u>                        | Water  | Fall Color  | Indiana<br>Native | Growth<br>Rate                    | Comments  | Density                       |
|--|---------------------|------------------|---------------|---|---|-----------------------------------|--|---|-------------------|-----------------------------------|---|-------------------------------|
| Shade Shrubs   |                     |                  |               |   |   |                                   |  |   |                   |                                   |   |                               |
| Abelia x grandiflora   | Glossy Abelia       | 3 - 6 ft         | 3 - 6 ft      | white-flushed pink,<br>may-june         | spreading, dense,<br>rounded, multi-<br>stemmed with<br>arching branches,<br>leggy            | full sun to<br>half shade         | well-<br>drained<br>moist                                    | bronze-green to<br>bronze-red and<br>bronze-purple,<br>semi-evergreen | Hybrid            | Fast                              |   | Dense                         |
| Acanthopanax sieboldianus<br>[new name is now Eleutherococcus<br>sieboldianus) | Fiveleaf Aralia     | 8 - 10 ft        | 8 - 10 ft     | greenish white - yellow , May -<br>June | Upright with<br>arching stems<br>which flop to<br>form rounded<br>outline                     | full sun to<br>heavy shade        | well<br>drained soil   | some degree of<br>yellow - not<br>consistent                          | No                | Medium to fast                    | can be severly pruned   | Medium                        |
| Ajuga reptans  | Bugleweed           | 0.5 - 0.75 ft    | 0.5 - 1 ft    | blue, May to June                       | dense, rapidly<br>spreading, mat-<br>forming  | partial<br>shade to full<br>shade | medium,<br>well-<br>drained                                  | evergreen   | No                | Fast                              | attracts<br>bumblebees, will<br>spread by root<br>runners                                   | Dense                         |
| Convallaria majalis  | Lilly of the Valley | 0.5 - 1 ft       | 0.75 - 1 ft   | white, April                            | perennial,<br>rhizomatous   | part shade<br>to full shade       | medium   |   | No                | Fast                              | deer resistant,<br>may naturalize   | Medium                        |
| Cornus racemosa  | Grey Dogwood        | 10 - 15 ft       | 10 - 15 ft    | whitish, late May to early June         | strongly multi-<br>stemmed, erect-<br>growing,<br>suckering                                   | sun to full<br>shade              | wet or dry<br>soils  | purplish red, often<br>poor   | Yes               | Shoots: fast<br>Old Wood:<br>slow |   | medium                        |
| Cornus sericea   | Red Osier Dogwood   | 7 - 9 ft         | 7 - 10 ft     | dull white, may to early june           | loose, broad-<br>spreading,<br>rounded, multi-<br>stemmed,<br>horizontal<br>branching at base | sun to full<br>shade              | best in<br>moist soil,<br>adaptable<br>to many<br>conditions | reddish purple  | Yes               | Rapid                             | bright red twigs<br>in winter   | Loose and<br>somewhat<br>open |
| Elaeagnus umbellata  | Autumn Olive        | 12 - 18 ft       | 12 - 18 ft    | silvery white, May-June                 | spreading, often spiny-branched   | shade                             | excellent<br>drought<br>tolerance                            | no fall color   | No                | Fast                              | incredibly salt<br>tolerant<br>(almost impossible<br>to kill), invasive,<br>nitrogen fixing | medium                        |
| Epimedium x perralchicum 'Frohnleiten'   | Barrenwort          | 0.5 - 1 ft       | 1 - 1.5 ft    | yellow, april to may                    | rhizomatous,<br>clump<br>-forming<br>perennial  | part shade<br>to full shade       | dry to mediu   | evergreen, zone<br>6 and warmer                                       | Hybrid            | Slow                              | mottled red<br>leaves   | Dense                         |
| Euonymus alatus  | Burning Bush        | 15 - 20 ft       | 15 - 20 ft    | yellow-green, May to early<br>june      | Mounded to<br>horizontal,<br>spreading, flat-<br>topped shrub                                 | full sun to<br>heavy shade        | needs<br>moist,<br>well-<br>drained soil,<br>not dry         | brilliant red   | No                | Slow                              | may naturalize  | medium                        |
| Galium odoratum  | Sweet Woodruff      | 0.5 - 1 ft       | 0.75 - 1.5 ft | white, april to may                     | mat-forming<br>perennial<br>groundcover   | part shade<br>to full shade       | medium to v  | vet   | No                | Medium to fast                    | can grow<br>aggressively in<br>favorable<br>conditions                                      | Dense                         |
| Hamamelis virginiana   | Common Witchhazel   | 10 - 25 ft       | 10 - 20 ft    | yellow, November-October                | irregular,<br>rounded, open<br>crown. Large,<br>crooked,<br>spreading<br>branches             | full sun or<br>shade              | moist soil,<br>avoid<br>extremely<br>dry                     | yellow  | Yes               | Medium                            |   | Tends<br>toward<br>openness   |

## City of Westfield Master Shrub List Shade Shrubs

|                             |   | Matura                | Matura           | Shade Sh   |   |  |  |                               | Indiana           | Cucuath   |   |                   |
|-----------------------------|---|-----------------------|------------------|--|---|--|--|-------------------------------|-------------------|---|---|-------------------|
| Botanical Name              | Common Name                               | Mature<br>Height      | Mature<br>Spread | Bloom Color  | Branching<br>Habit  | <u>Sun</u>   | <u>Water</u>   | Fall Color                    | Indiana<br>Native | Growth<br>Rate                                  | Comments  | Density           |
| Hamamelis vernalis          | Vernal Witchhazel                         | 6 - 10 ft             | 8 - 12 ft        | yellow to red, variable,<br>January thru February  | multi-stemmed,<br>dense, rounded,<br>neat but variable,<br>suckers  | full sun or<br>3/4 shade                                       | best in moist  | yellow to gold                | No                | Medium  |   | Dense             |
| Hedera helix                | English Ivy                               | up to 90 ft           |                  | greenish white, September<br>to October  | high-climbing,<br>true-<br>clinging vine<br>attaching itself to<br>structures   | full sun or<br>heavy shade                                     | growth is<br>maximized<br>in rich,<br>moist<br>organic,<br>well-<br>drained soil | evergreen                     | No                | Fast  |   | Dense             |
| Hydrangea anomala           | Climbing Hydrangea                        | 60 - 80 ft            |                  | white, late June to early July   | true clinging vine,<br>climbs by root-<br>like holdfasts,<br>branches<br>protrude out from<br>structure   | full sun or<br>shade   | requires<br>rich,<br>well-<br>drained,<br>moist soil                             |                               | No                | Slow to<br>establish,<br>gradually<br>increases | Will grow as a<br>mounding shrub<br>without supportive<br>structure | Dense             |
| llex glabra 'compacta'      | Compact Inkberry Holly                    | 4 - 6 ft              | 4 - 6 ft         | creamy, late May   | compact, oval-<br>rounded habit,<br>fine-textured<br>branches, dense,<br>leggy  | full sun,<br>shade<br>tolerant                                 | moist soil   | evergreen                     | Yes               | Slow, but<br>suckers fast                       |   | Dense and compact |
| llex x meserveae            | Meserveae Holly                           | 8 - 12 ft             | 8 - 12 ft        | white, early April to May  | pyramidal or rounded,   | shade  | well-<br>drained   | evergreen                     | Hybrid            | Medium  |   | Dense             |
| Lonicera sempervirens       | Trumpet Honeysuckle, Coral<br>Honeysuckle | 10 - 20 ft            |                  | variable in color from<br>orange-red to red on outside<br>and yellow to yellow-orange<br>inside, April | twining vine, not<br>as<br>vigorous or<br>rampant as<br>Lonicera japonica,<br>Akebia, and<br>Wisteria, needs<br>support   | full sun for<br>best flower,<br>tolerates<br>dense shade       | moist, well-<br>drained soil   |                               | Yes               | Fast  | somewhat<br>aggressive  | Dense             |
| Myrica pensylvanica         | Northern Bayberry, Candleberry            | 5 - 12 ft             | 5 - 12 ft        | yellowish green catkins,<br>late march to april  | upright-rounded,<br>fairly dense,<br>suckers  | full sun to<br>half shade                                      | very adaptab   | no significant fall<br>change | No                | Medium  | very salt<br>tolerant, nitrogen<br>fixing                           | Dense             |
| Pachysandra terminalis      | Japanese Spurge                           | 0.5 - 1 ft            |                  | white, March to early April  | groundcover<br>spreading by<br>rhizomes and<br>forming a solid<br>mat   | prefers<br>shade,<br>yellows in<br>sun, lives in<br>deep shade | moist, well-<br>drained<br>soils   | evergreen                     | No                | Medium to slow                                  |   | Dense             |
| Parthenocissus quinquefolia | Virginia Creeper, Woodbine                | 30 - 50 ft<br>or more |                  | greenish white, June to July   | vine with tendrils<br>with have 5-8<br>branches, will<br>literally cement<br>itself to the wall,<br>will crawl on<br>structures and<br>ground; secretes<br>calcium<br>carbonate<br>(adhesive) | full sun or<br>full shade                                      | will thrive in<br>almost any<br>condition,<br>very hardy                         | purple-red to<br>crimson-red  | Yes               | Fast  | will climb on<br>anything, very<br>aggressive                       | Dense             |

# City of Westfield Master Shrub List Shade Shrubs

| Botanical Name                      | Common Name   | Mature<br>Height      | Mature<br>Spread | Bloom Color   | Branching<br>Habit  | <u>Sun</u>                  | Water                                     | Fall Color                      | Indiana<br>Native | Growth<br>Rate | Comments  | Density             |
|-------------------------------------|---|-----------------------|------------------|---|---|-----------------------------|---|---------------------------------|-------------------|----------------|---|---------------------|
| Parthenocissus tricuspidata         | Boston Ivy  | 30 - 50 ft<br>or more |                  | yellow green, June to July  | vine with tendrils<br>with have 5-8<br>branches, will<br>literally cement<br>itself to the wall,<br>will crawl on<br>structures and<br>ground; secretes<br>calcium<br>carbonate<br>(adhesive) | full sun or<br>full shade   | fairly<br>adaptable                       | purple-red to<br>crimson-red    | No                | Very fast      | Invasive. Will<br>climb on anything,<br>very aggressive | Dense               |
| Polygonum aubertii                  | China or Silver Fleecevine,<br>Silver Lace Vine, Russian Vine | 25 - 35 ft            |                  | white or greenish white,<br>sometimes slightly pinkish, July<br>to August through September | Twining<br>deciduous<br>vine of rampant<br>growth   | full sun or<br>shade        | does well in<br>dry soils                 |                                 | No                | Fast           | Invasive  | Dense               |
| Rhodotypos scandens                 | Jetbead   | 3 - 6 ft              | 4 - 9 ft         | white, May to early June  |   | full sun or<br>shade        | variable                                  | green tinged with<br>yellow     | No                | Fast           |   | Dense               |
| Rhus aromatica 'Gro Lo'             | Gro Lo Fragrant Sumac   | 2 - 6 ft              | 6 - 10 ft        | yellowish, mid to late<br>March - April   | low, irregular<br>spreading,<br>suckering, dense  | full sun to<br>3/4 shade    | well<br>drained soil                      | orange to red to reddish purple | No                | Slow           |   | Dense               |
| Taxus x media                       | Anglo-Japanese Yew  | 2 - 20 ft             | 2 - 20 ft        | green   | broad-pyramidal,<br>variable  | shade or<br>sun             | moist,<br>sandy loam,<br>well-<br>drained | Evergreen                       | Hybrid            | Slow           |   | can become<br>dense |
| Tsuga canadensis 'Abbott's Pygmy'   | Canadian Hemlock  | 1.5 ft                | 1.5 ft           | non-flowering   | dense, pyramidal  | part shade<br>to full shade | not drought<br>tolerant                   | evergreen                       | No                | ?Medium        |   | Dense               |
| Tsuga canadensis 'Gracilis'         | Canadian Hemlock  | 2 - 3 ft              | 4 - 5 ft         | non-flowering   | flat topped,<br>spreading, dwarf,<br>broad drooping<br>branches and an<br>open center   | part shade<br>to full shade | medium                                    | evergreen                       | No                | ?Medium        |   | Dense               |
| Tsuga canadensis 'Stockman's Dwarf' | Canadian Hemlock  | 1.5 - 3 ft            | 2 - 4 ft         | non-flowering   | upright, conical,<br>densely needled,<br>drooping end of<br>branches  | part shade<br>to full shade | medium                                    | evergreen                       | No                | ?Medium        |   | Dense               |

| Botanical Name                   | Common Name                                | Mature<br>Height | Mature<br>Spread | Bloom Color  | Branching<br><u>Habit</u>   | Sun                                | Water  | Fall Color  | <u>Indiana</u><br><u>Native</u> | Growth Rate   | Comments   | Density                                  |
|----------------------------------|--|------------------|------------------|--|---|------------------------------------|--|---|---------------------------------|---|--|--|
| Ornamental Shrubs (Flo           | wering)                                    |                  |                  |  |   |                                    |  |   |                                 |   |  |  |
| Abelia x grandiflora             | Glossy Abelia                              | 3 - 6 ft         | 3 - 6 ft         | white-flushed pink,<br>may-june                            | spreading, dense,<br>rounded, multi-<br>stemmed with<br>arching branches,<br>leggy        | full sun to<br>half shade          | well-<br>drained<br>moist  | bronze-green to<br>bronze-red and<br>bronze-purple,<br>semi-evergreen | Hybrid                          | Fast  |  | Dense                                    |
| Abeliophyllum distichum          | White Forsythia,<br>Korean Abelialeaf      | 3 - 5 ft         | 3 - 4 ft         | white or faintly tinged pink,<br>march-april               | multi-stemmed,<br>straggly, rounded,<br>arching branches,<br>disheveled                   | full sun or<br>very light<br>shade | well-drained   | no significant fall<br>change   | No                              | Range from<br>slow to fast, situation<br>dependent  |  | loose and<br>open                        |
| Ajuga reptans                    | Bugleweed                                  | 0.5 - 0.75 ft    | 0.5 - 1 ft       | blue, May to June  | dense, rapidly<br>spreading, mat-<br>forming  | partial<br>shade to full<br>shade  | medium,<br>well-<br>drained  | evergreen   | No                              | Fast  | attracts<br>bumblebees, will<br>spread by root<br>runners            | Dense                                    |
| Berberis thunbergii              | Japanese Barberry                          | 3 - 6 ft         | 4 - 7 ft         | yellow, april-may  | much-branched, very<br>dense rounded  | full sun                           | dry condition  | orange, scarlet,<br>rand reddish<br>purple                            | No                              | Medium  |  | Dense                                    |
| Buddleia davidii                 | Orange-eye Butterfly Bush,<br>summer lilac | 10 - 15 ft       | 10 - 15 ft       | lavender, lilac to purple,<br>orange at the mouth, June    | caned, arching,<br>variable, rounded,   | full sun                           | well-<br>drained,<br>moist   | no fall color   | No                              | Fast  | Invasive, attracts butterflies                                       | can become<br>dense                      |
| Calycanthus floridus             | Sweetshrub                                 | 6 - 9 ft         | 6 - 12 ft        | dark red-brown maroon to<br>almost red, May into June/July | dense, bushy,<br>rounded or broad<br>rounded. Often<br>straggly and<br>unkempt            | sun or<br>shade                    | moist loam   | yellow  | No                              | Medium  | attracts rabbits   | Dense in full<br>sun, looser in<br>shade |
| Caryopteris x clandonensis       | Bluebeard, Blue-spirea,<br>Blue-mist Shrub | 2 - 3 ft         | 2 - 3 ft         | blue to purple   | mounding  | full sun                           | fertile, well-<br>drained soil   | no fall color   | Hybrid                          | Fast  | excessive fertility<br>results in rampant<br>growth                  | Medium                                   |
| Celastrus scandens               | American Bittersweet                       | 20 ft            |                  | yellowish white, May to<br>June                            | vigorous, twining<br>vine or vine-like<br>shrub which engulfs<br>every fence in sight     | full sun for<br>best fruiting      | withstands<br>dry<br>conditions,<br>plant in<br>poor soil to<br>restrict |   | Yes                             | Fast  | Often confused<br>with oriental<br>bittersweet, which<br>is invasive | Dense                                    |
| Chaenomeles speciosa             | Flowering Quince                           | 6 - 10 ft        | 6 - 10 ft        | scarlet to red, April                                      | rounded, broad-<br>spreading, dense<br>twiggy, variable                                   | full sun or<br>partial<br>shade    | does well in<br>dry<br>conditions  | no fall color   | No                              | Medium  | branches spiny   | Very dense                               |
| Clematis terniflora (paniculata) | Sweetautumn Clematis                       | 10 - 20 ft       |                  | white, August into September and October                   | rampant,<br>rampaging vine, will<br>engulf structures                                     | full sun to<br>partial<br>shade    | medium,<br>well-<br>drained  |   |                                 |   |  |  |
| Convallaria majalis              | Lilly of the Valley                        | 0.5 - 1 ft       | 0.75 - 1 ft      | white, April   | perennial,<br>rhizomatous   | part shade<br>to full shade        | medium   |   | No                              | Fast  | deer resistant,<br>may naturalize                                    | Medium                                   |
| Cornus mas                       | Corneliancherry Dogwood                    | 20 - 25 ft       | 15 - 20 ft       | yellow, March  | oval-rounded<br>outline, multi-<br>stemmed, suckers,<br>branch to ground                  | full sun to<br>partial<br>shade    | rich, well-<br>drained   | purplish red, often<br>poor   | No                              | Medium  | low branching  | dense and compact                        |
| Cornus racemosa                  | Grey Dogwood                               | 10 - 15 ft       | 10 - 15 ft       | whitish, late May to early June                            | strongly multi-<br>stemmed, erect-<br>growing, suckering                                  | sun to full<br>shade               | wet or dry<br>soils  | purplish red, often<br>poor   | Yes                             | Shoots: fast<br>Old Wood: slow                      |  | medium                                   |
| Cornus sericea                   | Red Osier Dogwood                          | 7 - 9 ft         | 7 - 10 ft        | dull white, may to early june                              | loose, broad-<br>spreading, rounded,<br>multi-stemmed,<br>horizontal branching<br>at base | sun to full<br>shade               | best in<br>moist soil,<br>adaptable<br>to many<br>conditions             | reddish purple  | Yes                             | Rapid   | bright red twigs<br>in winter  | Loose and<br>somewhat<br>open            |
| Cotoneaster apiculatus           | Cranberry Cotoneaster                      | 3 ft             | 3 - 6 ft         | pinkish, late May to early<br>June                         | low, wide-spreading<br>with stiff branching<br>pattern, mounding,<br>dense                | full sun to<br>partial<br>shade    | moist, well-<br>drained,<br>drought<br>tolerant                          | bronzy red or<br>purplish   | No                              | Slow, can be optimized with water and fertilization | may collect debri<br>in winter                                       | Dense                                    |

|  |                              | Mature     | Mature        |  | Branching   |                                    |  | - 11 - 1                              | Indiana       |                |   |  |
|--|------------------------------|------------|---------------|--|---|------------------------------------|--|---------------------------------------|---------------|----------------|---|--|
| <u>Botanical Name</u>                  | Common Name                  | Height     | Spread        | Bloom Color  | <u>Habit</u>  | <u>Sun</u>                         | <u>Water</u>   | Fall Color                            | <u>Native</u> | Growth Rate    | Comments  | <u>Density</u>                         |
| Cotoneaster dammeri                    | Bearberry Cotoneaster        | 1 - 2 ft   | 6 ft          | white, late May  | very low, prostrate,<br>slender, creeping<br>stems, becomes<br>woolly and ragged        | full sun to<br>partial<br>shade    | well-<br>drained<br>soil   |                                       | No            | Fast           | attracts bees   | Medium                                 |
| Cotoneaster horizontalis               | Rockspray Cotoneaster        | 2 - 3 ft   | 5 - 8 ft      | pink, late May to early June   | low, flat, dense,<br>horizontally<br>spreading branches,<br>tiered layered effect       | full sun or<br>light shade         | moist, well-<br>drained,<br>does well in<br>dry soils                | reddish purple                        | No            | Slow to medium |   | Dense                                  |
| Daphne x burkwoodii                    | Burkwood Daphne              | 3 - 4 ft   | 3 - 4 ft      | pinkish tinged, white, May   | dense, broad<br>mounded form  | full sun or<br>partial<br>shade    | needs very<br>well-<br>drained soil<br>and<br>consistent<br>moisture | semi-evergreen                        | Hybrid        | Slow to medium |   | Dense                                  |
| Deutzia gracilis                       | Slender deutzia              | 2 - 4 ft   | 3 - 4 ft      | white, mid to late may   | low, broad mound,<br>slender ascending<br>branches                                      | full sun or<br>very light<br>shade | well-drained   | tinge of purple,<br>not significant   | No            | Slow to medium | prune after<br>flowering  | Medium to dense                        |
| Elaeagnus umbellata                    | Autumn Olive                 | 12 - 18 ft | 12 - 18 ft    | silvery white, May-June  | spreading, often spiny-branched   | shade                              | excellent<br>drought<br>tolerance                                    | no fall color                         | No            | Fast           | incredibly salt<br>tolerant<br>(almost impossible<br>to kill), invasive,<br>nitrogen fixing | medium                                 |
| Epimedium x perralchicum 'Frohnleiten' | Barrenwort                   | 0.5 - 1 ft | 1 - 1.5 ft    | yellow, april to may   | rhizomatous, clump<br>-forming perennial  | part shade<br>to full shade        | dry to mediu   | evergreen, zone<br>6 and warmer       | Hybrid        | Slow           | mottled red<br>leaves   | Dense                                  |
| Forsythia x intermedia                 | Border Forsythia             | 8 - 10 ft  | 10 - 12 ft    | pale to deep yellow,<br>March-April  | rank-growing,<br>upright and arching<br>canes, suckers                                  | full sun                           | moist, well-<br>drained  | green or<br>yellow-green              | Hybrid        | Rapid          |   | Loose and<br>somewhat<br>open          |
| Fothergilla gardenii                   | Dwarf Fothergilla            | 2 - 3 ft   | 2 - 3 ft      | white, April to early May  | slender, crooked,<br>often spreading<br>branches, rounded<br>outline, dense,<br>suckers | full sun to<br>partial<br>shade    |  | brilliant yellow to orange to scarlet | No            | Slow           |   | Dense                                  |
| Galium odoratum                        | Sweet Woodruff               | 0.5 - 1 ft | 0.75 - 1.5 ft | white, april to may  | mat-forming<br>perennial<br>groundcover   | part shade<br>to full shade        | medium to v  | vet                                   | No            | Medium to fast | can grow<br>aggressively in<br>favorable<br>conditions                                      | Dense                                  |
| Hamamelis vernalis                     | Vernal Witchhazel            | 6 - 10 ft  | 8 - 12 ft     | yellow to red, variable,<br>January thru February                                    | multi-stemmed,<br>dense, rounded, neat<br>but variable, suckers                         | full sun or<br>3/4 shade           | best in mois   | yellow to gold                        | No            | Medium         |   | Dense                                  |
| Hamamelis virginiana                   | Common Witchhazel            | 10 - 25 ft | 10 - 20 ft    | yellow, November-October   | irregular, rounded,<br>open crown. Large,<br>crooked, spreading<br>branches             | full sun or<br>shade               | moist soil,<br>avoid<br>extremely<br>dry                             | yellow                                | Yes           | Medium         |   | Tends<br>toward<br>openness            |
| Hibiscus syriacus                      | Rose-of-Sharon, Shrub Althea | 8 - 12 ft  | 6 - 10 ft     | white to red or purple or<br>violet, or combinations, July,<br>August thru September | erect but<br>occationally<br>spreading, upright<br>branches                             | full sun to<br>partial<br>shade    | neither<br>extremes,<br>needs moist<br>and well-<br>drained          | poor yellow                           | No            | Medium         | attracts japanese<br>beetle   | Medium,<br>can become<br>leggy at base |
| Hydrangea quercifolia                  | Oak Leaf Hydrangea           | 4 - 8 ft   | 4 - 8 ft      | white, purplish pink,<br>June-July   | upright, little-<br>branched, irregular,<br>forms mounded<br>colonies                   | sun or<br>partial<br>shade         | moist, well-<br>drained  | red, orangish-<br>brown, purple       | Yes           | Slow to medium |   | Medium to dense                        |
| Hypericum calycinum                    | Aaronsbeard St. John's Wort  | 1 - 1.5 ft | 1 - 1.5 ft    | bright yellow, June  | stoloniferous<br>subshrub or<br>shrublet, frequently<br>planted as a                    | full sun or<br>partial<br>shade    | does well in<br>poor sandy<br>soil                                   |                                       | No            | Fast           |   | Dense                                  |

| <u>Botanical Name</u>    | Common Name                       | 1             | Mature<br>Spread | Bloom Color  | Branching<br><u>Habit</u>   | <u>Sun</u>   | Water   | Fall Color                          | <u>Indiana</u><br><u>Native</u> | Growth Rate                       | Comments   | <u>Density</u>           |
|--------------------------|-----------------------------------|---------------|------------------|--|---|--|---|-------------------------------------|---------------------------------|-----------------------------------|--|--------------------------|
| Ilex x meserveae         | Meserveae Holly                   | 8 - 12 ft     | 8 - 12 ft        | white, early April to May  | pyramidal or<br>rounded, horizontal<br>or irregular<br>branching  | shade  | well-<br>drained  | evergreen                           | Hybrid                          | Medium                            |  | Dense                    |
| Kerria japonica          | Japanese Kerria,<br>Japanese Rose | 3 - 6 ft      | 6 - 9 ft         | bright yellow, april to early may                                  | distinctly upright-<br>arching, broad<br>rounded dense,<br>twiggy, suckers                                      | full shade   | well-drained  | some yellow,<br>not significant     | No                              | Slow to establish, fast with time | suckers freely<br>and can colonize<br>areas                          | Dense                    |
| Kolkwitzia amabilis      | Beautybush                        | 6 - 10 ft     | 5 - 9 ft         | pink, yellow, May-early June                                       | upright arching, vase<br>shaped, somewhat<br>fountain like, leggy   | full sun   | well-<br>drained  | slightly<br>yellowish to<br>reddish | No                              | Slow                              |  | Medium to dense          |
| Ligustrum obtusifolium   | Border Privet                     | 10 - 12 ft    | 12 - 15 ft       | white, early to mid-June,<br>unpleasantly fragrant                 | multi-stemmed,<br>broad horizontal<br>branching   | full sun to<br>partial<br>shade                                    | very adaptat  | russet to<br>purplish               | No                              | Medium                            | may naturalize   | medium                   |
| Ligustrum x vicaryi      | Golden Privet                     | 10 - 12 ft    | 7 - 10 ft        | white, May   | somewhat vase<br>shaped, oval-<br>rounded,  | full sun   | dry to mediu  | no significant<br>change            | Hybrid                          | Fast                              | foliage will turn<br>more green than<br>yellow if not in full<br>sun | Medium to dense          |
| Lindera benzoin          | Spicebush                         | 6 - 12 ft     | 6 - 12 ft        | yellow   | rounded shrub<br>outline, dense and<br>full in full sun   | full sun to<br>part shade  | moist, well-<br>drained<br>soils  | yellow                              | No                              | Slow                              |  | Loose and open           |
| Liriope spicata          | Creeping Lilyturf or Liriope      | 0.75 - 1.5 ft | 1 - 2 ft         | Lavender to white, August to September                             | rhizomatous, grass-<br>like perennial.<br>Forms clumps of<br>narrow, arching,<br>glossy, dark green<br>leaves   | full sun to<br>partial<br>shade                                    | medium,<br>drought<br>tolerant  | evergreen                           | No                              | Medium to<br>fast                 |  | Dense                    |
| Philadelphus coronarius  | Sweet Mockorange                  | 10 - 12 ft    | 10 - 12 ft       | white, may to early June   | rounded with stiff,<br>straight, ascending<br>branches that arch<br>with age, leggy                             | full sun or<br>light shade   | moist, well-<br>drained   | no change in fall                   | No                              | Medium to fast                    |  | Leggy and open with age  |
| Potentilla fruticosa     | Bush Cinquefoil                   | 1 - 4 ft      | 2 - 4 ft         | bright buttercup yellow, June                                      | very bushy, upright<br>slender stems, low<br>rounded to broad<br>rounded outline                                | full sun for<br>best<br>flowering,<br>survives<br>partial<br>shade | withstands<br>poor, dry<br>soils; best<br>in fertile<br>well-<br>drained soil | green to yellow-<br>brown           | Yes                             | Slow                              | Does not do well<br>in hot weather                                   | Dense                    |
| Prunus x cistena         | Purpleleaf Sand Cherry            | 7 - 10 ft     | 6 - 9 ft         | pink, April - early May  | small deciduous tree,<br>fine texture   | full sun   | well-drained  | leaves remain red                   | Hybrid                          | Fast                              | pollution tolerant   | medium,<br>leggy at base |
| Prunus glandulosa        | Dwarf Flowering Almond            | 4 - 5 ft      | 3 - 4 ft         | pink or white, late April to<br>early May                          | spreading, weakly<br>multi-stemmed,<br>straggly   | full sun to<br>partial<br>shade                                    | moderately<br>drought<br>tolerant   | not ornamentally<br>important       | No                              | Medium                            |  | Medium to open           |
| Rhododendron PJM hybrids | PJM Rhododendrons                 | 3 - 6 ft      | 3 - 6 ft         | bright lavender pink,<br>mid-late April                            | rounded   | full sun to<br>partial<br>shade                                    | moist,<br>organic<br>well-<br>drained soil                                    | plum purple<br>evergreen            | Hybrid                          | Slow to medium                    |  | Dense                    |
| Rhodotypos scandens      | Jetbead                           | 3 - 6 ft      | 4 - 9 ft         | white, May to early June   | mounded, loosely<br>branched, ascending<br>somewhat arching<br>branches, often<br>shabby                        | full sun or<br>shade   | variable  | green tinged with<br>yellow         | No                              | Fast                              |  | Dense                    |
| Rosa Wichuraiana         | Memorial Rose                     | 1 ft          | 8 - 16 ft        | pure white with rich yellow<br>stamens, fragrant, June and<br>July | procumbent shrub,<br>long green canes<br>trailing over the<br>ground and rooting,<br>will climb if<br>supported | sun  | well-<br>drained<br>soil  |                                     | No                              | Fast                              |  | Dense                    |

| Botanical Name                      | Common Name             | Mature<br>Height | Mature<br>Spread | Bloom Color  | Branching<br><u>Habit</u>  | <u>Sun</u>                      | Water  | Fall Color  | <u>Indiana</u><br><u>Native</u> | Growth Rate       | Comments   | Density  |
|-------------------------------------|-------------------------|------------------|------------------|--|--|---------------------------------|--|---|---------------------------------|-------------------|--|--|
| Spiraea x bumalda 'anthony waterer' | Anthony Waterer Spirea  | 3 - 4 ft         | 4 - 5 ft         | carmine-pink, late May to June                       | broad, flat-topped,<br>low, densely twiggy<br>with erect branches,<br>often mounded,<br>relatively refined | full sun                        | cannot<br>tolerate<br>extremely<br>wet                                   | wine red to russet<br>red                             | Hybrid                          | Fast              | may naturalize   | Dense  |
| Spiraea prunifolia                  | Bridalwreath Spirea     | 4 - 9 ft         | 6 - 8 ft         | white, mid to late April                             | open, coarse,<br>scraggly, often leggy,<br>upright   | full sun to<br>light shade      | prefers well<br>drained soil,<br>adaptable                               | yellow-orange to<br>purplish bronze                   | No                              | Medium            |  | Open and<br>loose  |
| Syringa patula 'Miss Kim'           | Miss Kim Lilac,         | 3 ft             | 3 ft             | icy blue, May-June                                   | oval-rounded   | full sun to<br>partial<br>shade | normal to<br>moist   | reddish purple  | No                              | Slow to medium    |  | Dense  |
| Syringa vulgaris                    | Common Lilac            | 8 - 15 ft        | 6 - 12 ft        | lilac, early to mid May                              | upright leggy,<br>irregular outline,<br>cloud-like head of<br>foliage                                      | full sun                        | well-<br>drained   | poor fall color                                       | No                              | Medium            | lower part of<br>branches don't<br>have leaves                   | Medium   |
| Viburnum x burkwoodii               | Burkwood Viburnum       | 8 - 10 ft        | 6 - 8 ft         | pink to white, April                                 | upright, multi-<br>stemmed, straggly   | full sun to<br>partial<br>shade | slightly<br>moist, well-<br>drained                                      | sporadic wine<br>red, evergreen in<br>south           | Hybrid                          | Slow to<br>medium | Defoliated by<br>sulfur sprays,<br>prefers slightly acid<br>soil | Medium   |
| Viburnum dentatum                   | Arrowwood Viburnum      | 6 - 15 ft        | 6 - 15 ft        | white cream, May to early<br>June                    | multi-stemmed,<br>dense, rounded with<br>spreading and<br>arching branches,<br>suckering                   | sun or<br>partial<br>shade      | well<br>drained  | yellow to glossy<br>red to reddish<br>purple          | Yes                             |                   | may need<br>occational<br>rejuvenation<br>pruning                | Dense  |
| Viburnum dilatatum                  | Linden Viburnum         | 8 - 10 ft        | 6 - 8 ft         | white, may to early June                             | upright, somewhat<br>leggy, open to dense,<br>variable   | full sun to<br>partial<br>shade | moist soil   | ranges from<br>bronze to<br>burgundy to<br>russet-red | No                              | Slow to medium    | may naturalize   | leggy and<br>open or<br>dense and<br>compact<br>depending on<br>form |
| Viburnum x juddii                   | Judd Viburnum           | 6 - 8 ft         | 6 - 8 ft         | march-early april                                    | full and rounded   | full sun to<br>partial<br>shade | medium<br>moisture,<br>well-<br>drained                                  | purple  | Hybrid                          | Slow to medium    |  | medium   |
| Viburnum lantana                    | Wayfaring Tree          | 10 - 15 ft       | 10 - 15 ft       | white creamy, early to mid-<br>May                   | rounded outline,<br>often leggy  | full sun to<br>part shade       | prefers well-<br>drained,<br>withstands<br>dry                           | purplish red, often                                   | No                              | Medium to slow    | attracts birds   | Medium to dense  |
| Viburnum opulus                     | European Cranberry Bush | 8 - 15 ft        | 8 - 15 ft        | white, may   | upright, spreading,<br>multi-stemmed,<br>arching branches  | best in full<br>sun             | native to<br>bog-<br>like<br>situations                                  | yellow-red and reddish purple                         | No                              | Medium            |  | dense and<br>compact   |
| Viburnum plicatum                   | Doublefile Viburnum     | 8 - 10 ft        | 9 - 11 ft        | white, may   | horizontal, tiered<br>branching, rounded<br>to broad rounded   | partial<br>shade                | moist, well<br>drained soil,<br>will not<br>tolerate<br>poor<br>drainage | consistent<br>reddish purple                          | No                              | Medium            |  | Medium to dense  |
| Viburnum prunifolium                | Black Haw               | 12 - 15 ft       | 8 - 12 ft        | white creamy, May                                    | round headed, stiffly branched   | sun or<br>shade                 | does well in<br>dry soil   | varies from purplish to red                           | Yes                             | Slow              |  | Dense  |
| Viburnum x rhytidophylloides        | Lantanaphyllum Viburnum | 8 - 10 ft        | 8 - 10 ft        | white cream, early to mid may                        | upright, spreading,<br>slightly arching<br>branches, rounded   | full sun or<br>partial<br>shade | medium<br>moisture,<br>well-<br>drained                                  |   | Hybrid                          | Medium            |  | Medium   |
| Viburnum sieboldii                  | Siebold Viburnum        | 15 - 20 ft       | 10 - 15 ft       | creamy white, late May                               | open with stiff,<br>stout, rigid branches  | part shade                      | needs<br>moisture<br>and well-<br>drained<br>soils                       | usually green,<br>sometimes slightly<br>purple        | No                              | Medium            |  | Dense center<br>with open<br>crown                                   |
| Vitex agnus-castus                  | Chaste Tree             | 8 - 10 ft        | 8 - 10 ft        | lilac or pale violet, June-July<br>through September | broad spreading,<br>multi-stemmed  | full sun                        | medium   | dies to ground in winter                              | No                              | Rapid             | Does best in hot weather   | Open   |

| Botanical Name           | Common Name             | 1          | Mature<br>Spread | Bloom Color                                  | Branching<br>Habit  | <u>Sun</u>                      | Water  | Fall Color                                | <u>Indiana</u><br><u>Native</u> | Growth Rate   | Comments   | <u>Density</u>                           |
|--------------------------|-------------------------|------------|------------------|--|---|---------------------------------|--|---|---------------------------------|---|--|--|
| Weigela florida          | Old-Fashoned Weigela    | 6 - 9 ft   | 9 - 12 ft        | rosy pink outside, paler<br>within, May-June | spreading, dense,<br>rounded, coarse<br>branches arching to<br>ground   | full sun                        | well-drained   | no significant<br>fall change             | No                              | Medium to fast                                      |  | Dense                                    |
| Wisteria frutescens      | American Wisteria       | 20 - 30 ft |                  | pale lilac-purple, June to<br>August         | stout vine, climbs<br>by twining stems<br>which curve<br>clockwise to develop<br>twisted woody<br>trunks, requires<br>significant support |                                 | occurs<br>naturally<br>along moist<br>shores of<br>streams,<br>ponds, and<br>lakes |   | Yes                             | Fast  |  | Dense                                    |
| Yucca filamentosa        | Yucca or Adam's Needle  | 2 - 4 ft   | 2 - 4 ft         | white, July-August                           | low, stiffly erect and spreading leaves   | full sun to<br>partial<br>shade | variety of<br>soil<br>moisture,<br>not<br>excessively<br>wet                       | evergreen                                 | No                              | Medium to<br>slow                                   |  | Thick leaves,<br>coarse<br>texture, open |
| Ornamental Shrubs (Be    | rries)                  |            |                  |  |   |                                 |  |   |                                 |   |  |  |
| Berberis thunbergii      | Japanese Barberry       | 3 - 6 ft   | 4 - 7 ft         | yellow, april-may                            | much-branched, very<br>dense rounded  | full sun                        | dry condition  | orange, scarlet,<br>and reddish<br>purple | No                              | Medium  |  | Dense                                    |
| Callicarpa japonica      | Japanese Beautyberry    | 4 - 6 ft   | 4 - 6 ft         | pink or white, lavender, july                | bushy, rounded with arching branches  | full sun or<br>light shade      | well-<br>drained   | pinkish lavender                          | No                              | Fast  | cut down to 4 - 18"<br>in winter                                     | Medium                                   |
| Celastrus scandens       | American Bittersweet    | 20 ft      |                  | yellowish white, May to<br>June              | vigorous, twining<br>vine or vine-like<br>shrub which engulfs<br>every fence in sight   | full sun for<br>best fruiting   | withstands<br>dry<br>conditions,<br>plant in<br>poor soil to<br>restrict<br>vigor  |   | Yes                             | Fast  | Often confused<br>with oriental<br>bittersweet, which<br>is invasive | Dense                                    |
| Cornus alba              | Tatarian Dogwood        | 8 - 10 ft  | 5 - 10 ft        | yellowish white, May-June                    | open, loose<br>appearance, erect<br>and arching, suckers  | sun or<br>partial<br>shade      | moist, well-<br>drained  | reddish purple                            | No                              | Rapid   | bright red twigs<br>in winter  | Loose                                    |
| Cotoneaster apiculatus   | Cranberry Cotoneaster   | 3 ft       | 3 - 6 ft         | pinkish, late May to early<br>June           | low, wide-spreading<br>with stiff branching<br>pattern, mounding,<br>dense  | full sun to<br>partial<br>shade | moist, well-<br>drained,<br>drought<br>tolerant                                    | bronzy red or<br>purplish                 | No                              | Slow, can be optimized with water and fertilization | may collect debri<br>in winter                                       | Dense                                    |
| Cotoneaster dammeri      | Bearberry Cotoneaster   | 1 - 2 ft   | 6 ft             | white, late May                              | very low, prostrate,<br>slender, creeping<br>stems, becomes<br>woolly and ragged  | full sun to<br>partial<br>shade | well-<br>drained<br>soil   |   | No                              | Fast  | attracts bees  | Medium                                   |
| Cotoneaster horizontalis | Rockspray Cotoneaster   | 2 - 3 ft   | 5 - 8 ft         | pink, late May to early June                 | low, flat, dense,<br>horizontally<br>spreading branches,<br>tiered layered effect   | full sun or<br>light shade      | moist, well-<br>drained,<br>does well in<br>dry soils                              | reddish purple                            | No                              | Slow to medium                                      |  | Dense                                    |
| Cornus mas               | Corneliancherry Dogwood | 20 - 25 ft | 15 - 20 ft       | yellow, March                                | oval-rounded<br>outline, multi-<br>stemmed, suckers,<br>branch to ground  | full sun to<br>partial<br>shade | rich, well-<br>drained   | purplish red, often<br>poor               | No                              | Medium  | low branching  | dense and compact                        |
| Cornus racemosa          | Grey Dogwood            | 10 - 15 ft | 10 - 15 ft       | whitish, late May to early June              | strongly multi-<br>stemmed, erect-<br>growing, suckering  | sun to full<br>shade            | wet or dry<br>soils  | purplish red, often<br>poor               | Yes                             | Shoots: fast<br>Old Wood: slow                      |  | medium                                   |
| Cornus sericea           | Red Osier Dogwood       | 7 - 9 ft   | 7 - 10 ft        | dull white, may to early june                | loose, broad-<br>spreading, rounded,<br>multi-stemmed,<br>horizontal branching<br>at base   | sun to full<br>shade            | best in<br>moist soil,<br>adaptable<br>to many<br>conditions                       | reddish purple                            | Yes                             | Rapid   | bright red twigs<br>in winter  | Loose and<br>somewhat<br>open            |

| Botanical Name                            | Common Name   |             | Mature<br>Spread | Bloom Color                             | Branching<br><u>Habit</u>   | <u>Sun</u>                      | Water  | Fall Color                                     | <u>Indiana</u><br><u>Native</u> | Growth Rate       | Comments  | Density         |
|---|---|-------------|------------------|---|---|---------------------------------|--|--|---------------------------------|-------------------|---|-----------------|
| Daphne x burkwoodii                       | Burkwood Daphne   | 3 - 4 ft    | 3 - 4 ft         | pinkish tinged, white, May              | dense, broad<br>mounded form  | full sun or<br>partial<br>shade | needs very<br>well-<br>drained soil<br>and<br>consistent<br>moisture             | semi-evergreen                                 | Hybrid                          | Slow to medium    |   | Dense           |
| Elaeagnus umbellata                       | Autumn Olive  | 12 - 18 ft  | 12 - 18 ft       | silvery white, May-June                 | spreading, often spiny-branched   | shade                           | excellent<br>drought<br>tolerance  | no fall color                                  | No                              | Fast              | incredibly salt<br>tolerant<br>(almost impossible<br>to kill), invasive,<br>nitrogen fixing | medium          |
| Hedera helix                              | English Ivy   | up to 90 ft |                  | greenish white, September<br>to October | high-climbing, true-<br>clinging vine<br>attaching itself to<br>structures    | full sun or<br>heavy shade      | growth is<br>maximized<br>in rich,<br>moist<br>organic,<br>well-<br>drained soil | evergreen                                      | No                              | Fast              |   | Dense           |
| llex x meserveae                          | Meserveae Holly   | 8 - 12 ft   | 8 - 12 ft        | white, early April to May               | pyramidal or<br>rounded, horizontal<br>or irregular<br>branching              | shade                           | well-<br>drained   | evergreen                                      | Hybrid                          | Medium            |   | Dense           |
| llex verticillata                         | Winterberry, Black Alder,<br>Coralberry, Michigan Holly | 6 - 10 ft   | 6 - 10 ft        | white                                   | oval-rounded to<br>broad-rounded,<br>suckers                                  | full sun or<br>partial<br>shade | wet soil,<br>native to<br>swampy<br>conditions                                   | yellow to purple<br>tinged, not<br>significant | Yes                             | Slow to<br>medium |   | Medium          |
| Juniperus chinensis 'pfitzerana compacta' | Nick's Compact Juniper                                  | 1 - 1.5 ft  | 6 ft             | yellow brown to orange<br>yellow, March | bushy, compact  | full sun                        | moist, well-<br>drained,<br>tolerates<br>dry soil<br>when<br>established         | evergreen                                      | No                              | Slow              |   | Dense           |
| Juniperus chinensis 'san jose'            | San Jose Juniper  | 1 - 2 ft    | 6 - 8 ft         | yellow brown to orange<br>yellow, March | spreads irregularly   | full sun                        | moist, well-<br>drained,<br>tolerates<br>dry soil<br>when<br>established         | evergreen                                      | No                              | Medium to slow    | tolerant of urban conditions  | Dense           |
| Juniperus communis                        | Common Juniper  | 5 - 10 ft   | 8 - 12 ft        | staminate yellow                        | ascending and<br>spreading branches,<br>or a much-branched<br>sprawling shrub | full sun                        | common on<br>dry, sterile<br>soils   | evergreen                                      | No                              | Slow              | extremely soil<br>tolerant  | Dense           |
| Juniperus conferta                        | Shore Juniper   | 1 - 2 ft    | 6 - 9 ft         | inconspicuous                           | dense, bushy,<br>procumbent   | full sun                        | does not<br>tolerate<br>excess soil<br>moisture                                  | evergreen                                      | No                              | Slow              | salt tolerant   | Dense           |
| Juniperus horizontalis                    | Creeping Juniper  | 1 - 2 ft    | 4 - 8 ft         | inconspicuous                           | low-growing,<br>procumbent with<br>long, trailing<br>branches forming<br>mats | full sun                        | withstands<br>hot dry<br>situations  | evergreen                                      | No                              | Medium            | salt tolerant, blue<br>green in summer,<br>purple in winter                                 | Dense           |
| Juniperus sabina                          | Savin Juniper   | 4 - 6 ft    | 5 - 10 ft        | non-flowering                           | extremely variable<br>from gorund cover to<br>distinctly upright              |                                 | does well in<br>well-<br>drained and<br>dry soils                                | evergreen                                      | No                              | Slow              | withstands city<br>conditions, prefers<br>cold climate                                      | Dense           |
| Kolkwitzia amabilis                       | Beautybush  | 6 - 10 ft   | 5 - 9 ft         | pink, yellow, May-early June            | upright arching, vase<br>shaped, somewhat<br>fountain like, leggy             | full sun                        | well-<br>drained   | slightly<br>yellowish to<br>reddish            | No                              | Slow              |   | Medium to dense |

| Botanical Name              | Common Name                               | Mature<br>Height      | Mature<br>Spread | Bloom Color  | Branching<br><u>Habit</u>   | Sun  | Water   | Fall Color  | <u>Indiana</u><br><u>Native</u> | Growth Rate       | Comments   | Density  |
|-----------------------------|---|-----------------------|------------------|--|---|--|---|---|---------------------------------|-------------------|--|--|
| Ligustrum obtusifolium      | Border Privet                             | 10 - 12 ft            | 12 - 15 ft       | white, early to mid-June,<br>unpleasantly fragrant   | multi-stemmed,<br>broad horizontal<br>branching   | full sun to<br>partial<br>shade                          | very adaptal  | russet to<br>purplish                                 | No                              | Medium            | may naturalize   | medium   |
| Ligustrum x vicaryi         | Golden Privet                             | 10 - 12 ft            | 7 - 10 ft        | white, May   | somewhat vase<br>shaped, oval-<br>rounded,  | full sun   | dry to mediu  | no significant<br>change                              | Hybrid                          | Fast              | foliage will turn<br>more green than<br>yellow if not in full<br>sun | Medium to dense  |
| Lindera benzoin             | Spicebush                                 | 6 - 12 ft             | 6 - 12 ft        | yellow   | rounded shrub<br>outline, dense and<br>full in full sun   | full sun to<br>part shade                                | moist, well-<br>drained<br>soils                            | yellow  | No                              | Slow              |  | Loose and open   |
| Lonicera sempervirens       | Trumpet Honeysuckle, Coral<br>Honeysuckle | 10 - 20 ft            |                  | variable in color from<br>orange-red to red on outside<br>and yellow to yellow-orange<br>inside, April | twining vine, not as<br>vigorous or rampant<br>as Lonicera japonica,<br>Akebia, and Wisteria,<br>needs support  | full sun for<br>best flower,<br>tolerates<br>dense shade | moist, well-<br>drained soil                                |   | Yes                             | Fast              | somewhat<br>aggressive   | Dense  |
| Myrica pensylvanica         | Northern Bayberry, Candleberry            | 5 - 12 ft             | 5 - 12 ft        | yellowish green catkins,<br>late march to april  | upright-rounded,<br>fairly dense, suckers   | full sun to<br>half shade                                | very adaptal  | no significant fall<br>change                         | No                              | Medium            | very salt<br>tolerant, nitrogen<br>fixing                            | Dense  |
| Parthenocissus quinquefolia | Virginia Creeper, Woodbine                | 30 - 50 ft<br>or more |                  | greenish white, June to July   | vine with tendrils<br>with have 5-8<br>branches, will<br>literally cement itself<br>to the wall, will crawl<br>on structures and<br>ground; secretes<br>calcium carbonate<br>(adhesive) | full sun or<br>full shade                                | will thrive<br>in<br>almost any<br>condition,<br>very hardy | purple-red to<br>crimson-red                          | Yes                             | Fast              | will climb on<br>anything, very<br>aggressive                        | Dense  |
| Prunus x cistena            | Purpleleaf Sand Cherry                    | 7 - 10 ft             | 6 - 9 ft         | pink, April - early May  | small deciduous tree,<br>fine texture   | full sun   | well-drained  | leaves remain<br>red                                  | Hybrid                          | Fast              | pollution tolerant   | medium,<br>leggy at base   |
| Rhus aromatica 'Gro Lo'     | Gro Lo Fragrant Sumac                     | 2 - 6 ft              | 6 - 10 ft        | yellowish, mid to late<br>March - April  | low, irregular<br>spreading, suckering,<br>dense  | full sun to<br>3/4 shade                                 | well<br>drained soil  | orange to red to reddish purple                       | No                              | Slow              |  | Dense  |
| Symphoricarpos x chenaultii | Chenault Coralberry                       | 3 - 6 ft              | 3 - 6 ft         | pink   | spreading, loose-<br>branched, fine<br>textured   | full sun to<br>partial<br>shade                          | medium  | no significant<br>fall color                          | Hybrid                          | Medium to fast    | potential as a<br>groundcover  | Dense  |
| Taxus canadensis            | Canada Yew                                | 3 - 6 ft              | 6 - 8 ft         | March and April,<br>ornamentally unimportant   | prostrate, soose,<br>straggling   | part shade   | moist,<br>sandy loam,<br>will not<br>tolerate<br>drought    | reddish brown tint                                    | Yes                             | Slow              |  | Loose  |
| Taxus x media               | Anglo-Japanese Yew                        | 2 - 20 ft             | 2 - 20 ft        | green  | broad-pyramidal,<br>variable  | shade or<br>sun  | moist,<br>sandy loam,<br>well-<br>drained                   | Evergreen   | Hybrid                          | Slow              |  | can become<br>dense  |
| Viburnum x burkwoodii       | Burkwood Viburnum                         | 8 - 10 ft             | 6 - 8 ft         | pink to white, April   | upright, multi-<br>stemmed, straggly  | full sun to<br>partial<br>shade                          | slightly<br>moist, well-<br>drained                         | sporadic wine<br>red, evergreen in<br>south           | Hybrid                          | Slow to<br>medium | Defoliated by<br>sulfur sprays,<br>prefers slightly acid<br>soil     | Medium   |
| Viburnum dentatum           | Arrowwood Viburnum                        | 6 - 15 ft             | 6 - 15 ft        | white cream, May to early<br>June  | multi-stemmed,<br>dense, rounded with<br>spreading and<br>arching branches,<br>suckering  | sun or<br>partial<br>shade                               | well<br>drained   | yellow to glossy<br>red to reddish<br>purple          | Yes                             |                   | may need<br>occational<br>rejuvenation<br>pruning                    | Dense  |
| Viburnum dilatatum          | Linden Viburnum                           | 8 - 10 ft             | 6 - 8 ft         | white, may to early June   | upright, somewhat<br>leggy, open to dense,<br>variable  | full sun to<br>partial<br>shade                          | moist soil  | ranges from<br>bronze to<br>burgundy to<br>russet-red | No                              | Slow to<br>medium | may naturalize   | leggy and<br>open or<br>dense and<br>compact<br>depending on<br>form |

| Botanical Name               | Common Name             | Mature<br>Height | Mature<br>Spread | Bloom Color                        | Branching<br><u>Habit</u>   | <u>Sun</u>                      | Water  | Fall Color  | <u>Indiana</u><br><u>Native</u> | Growth Rate   | Comments                       | Density                            |
|------------------------------|-------------------------|------------------|------------------|------------------------------------|---|---------------------------------|--|---|---------------------------------|---|--------------------------------|------------------------------------|
| Viburnum x juddii            | Judd Viburnum           | 6 - 8 ft         | 6 - 8 ft         | march-early april                  | full and rounded  | full sun to<br>partial<br>shade | medium<br>moisture,<br>well-<br>drained                                  | purple  | Hybrid                          | Slow to<br>medium                                   |                                | medium                             |
| Viburnum lantana             | Wayfaring Tree          | 10 - 15 ft       | 10 - 15 ft       | white creamy, early to mid-<br>May | rounded outline,<br>often leggy   | full sun to<br>part shade       | prefers well-<br>drained,  | purplish red, often<br>poor   | No                              | Medium to slow                                      | attracts birds                 | Medium to dense                    |
| Viburnum opulus              | European Cranberry Bush | 8 - 15 ft        | 8 - 15 ft        | white, may                         | upright, spreading,<br>multi-stemmed,<br>arching branches                                 | best in full<br>sun             | native to<br>bog-<br>like<br>situations                                  | yellow-red and<br>reddish purple                                      | No                              | Medium  |                                | dense and<br>compact               |
| Viburnum plicatum            | Doublefile Viburnum     | 8 - 10 ft        | 9 - 11 ft        | white, may                         | horizontal, tiered<br>branching, rounded<br>to broad rounded                              | partial<br>shade                | moist, well<br>drained soil,<br>will not<br>tolerate<br>poor<br>drainage | consistent<br>reddish purple  | No                              | Medium  |                                | Medium to dense                    |
| Viburnum prunifolium         | Black Haw               | 12 - 15 ft       | 8 - 12 ft        | white creamy, May                  | round headed, stiffly branched  | sun or<br>shade                 | does well in<br>dry soil   | varies from<br>purplish to red  | Yes                             | Slow  |                                | Dense                              |
| Viburnum x rhytidophylloides | Lantanaphyllum Viburnum | 8 - 10 ft        | 8 - 10 ft        | white cream, early to mid may      | upright, spreading,<br>slightly arching<br>branches, rounded                              | full sun or<br>partial<br>shade | medium<br>moisture,<br>well-<br>drained                                  | semi-evergreen  | Hybrid                          | Medium  |                                | Medium                             |
| Viburnum sieboldii           | Siebold Viburnum        | 15 - 20 ft       | 10 - 15 ft       | creamy white, late May             | open with stiff,<br>stout, rigid branches   | part shade                      | needs<br>moisture<br>and well-<br>drained<br>soils                       | usually green,<br>sometimes slightly<br>purple                        | No                              | Medium  |                                | Dense center<br>with open<br>crown |
| Ornamental Shrubs (Fal       | l color)                | 1                |                  |                                    |   | 1                               | 130.13   |   |                                 |   |                                |                                    |
| Abelia x grandiflora         | Glossy Abelia           | 3 - 6 ft         | 3 - 6 ft         | white-flushed pink,<br>may-june    | spreading, dense,<br>rounded, multi-<br>stemmed with<br>arching branches,<br>leggy        | full sun to<br>half shade       | well-<br>drained<br>moist  | bronze-green to<br>bronze-red and<br>bronze-purple,<br>semi-evergreen | Hybrid                          | Fast  |                                | Dense                              |
| Berberis thunbergii          | Japanese Barberry       | 3 - 6 ft         | 4 - 7 ft         | yellow, april-may                  | much-branched, very<br>dense rounded  | full sun                        | dry condition  | orange, scarlet,<br>and reddish<br>purple                             | No                              | Medium  |                                | Dense                              |
| Cornus alba                  | Tatarian Dogwood        | 8 - 10 ft        | 5 - 10 ft        | yellowish white, May-June          | open, loose<br>appearance, erect<br>and arching, suckers                                  | sun or<br>partial<br>shade      | moist, well-<br>drained  | reddish purple  | No                              | Rapid   | bright red twigs<br>in winter  | Loose                              |
| Cornus sericea               | Red Osier Dogwood       | 7 - 9 ft         | 7 - 10 ft        | dull white, may to early june      | loose, broad-<br>spreading, rounded,<br>multi-stemmed,<br>horizontal branching<br>at base | sun to full<br>shade            | best in<br>moist soil,<br>adaptable<br>to many<br>conditions             | reddish purple  | Yes                             | Rapid   | bright red twigs<br>in winter  | Loose and<br>somewhat<br>open      |
| Cotoneaster apiculatus       | Cranberry Cotoneaster   | 3 ft             | 3 - 6 ft         | pinkish, late May to early<br>June | low, wide-spreading<br>with stiff branching<br>pattern, mounding,<br>dense                | full sun to<br>partial<br>shade | moist, well-<br>drained,<br>drought<br>tolerant                          | bronzy red or<br>purplish   | No                              | Slow, can be optimized with water and fertilization | may collect debri<br>in winter | Dense                              |
| Cotoneaster dammeri          | Bearberry Cotoneaster   | 1 - 2 ft         | 6 ft             | white, late May                    | very low, prostrate,<br>slender, creeping<br>stems, becomes<br>woolly and ragged          | full sun to<br>partial<br>shade | well-<br>drained<br>soil   |   | No                              | Fast  | attracts bees                  | Medium                             |
| Cotoneaster horizontalis     | Rockspray Cotoneaster   | 2 - 3 ft         | 5 - 8 ft         | pink, late May to early June       | low, flat, dense,<br>horizontally<br>spreading branches,<br>tiered layered effect         | full sun or<br>light shade      | moist, well-<br>drained,<br>does well in<br>dry soils                    | reddish purple  | No                              | Slow to<br>medium                                   |                                | Dense                              |

| Rotanical Name                      |                            | Mature                | Mature     |   | Branching   |                                 |   |   | Indiana       | _                 |  |  |
|-------------------------------------|----------------------------|-----------------------|------------|---|---|---------------------------------|---|---|---------------|-------------------|--|--|
| <u>Botanical Name</u>               | Common Name                | Height                |            | Bloom Color                                       | <u>Habit</u>  | <u>Sun</u>                      | Water   | Fall Color  | <u>Native</u> | Growth Rate       | Comments   | <u>Density</u>   |
| Euonymus alatus                     | Burning Bush               | 15 - 20 ft            | 15 - 20 ft | yellow-green, May to early<br>june                | Mounded to<br>horizontal,<br>spreading, flat-<br>topped shrub   | full sun to<br>heavy shade      | needs<br>moist,<br>well-<br>drained soil,<br>not dry        | brilliant red   | No            | Slow              | may naturalize   | medium   |
| Fothergilla gardenii                | Dwarf Fothergilla          | 2 - 3 ft              | 2 - 3 ft   | white, April to early May                         | slender, crooked,<br>often spreading<br>branches, rounded<br>outline, dense,<br>suckers   | full sun to<br>partial<br>shade | moist, well-<br>drained                                     | brilliant yellow to orange to scarlet                 | No            | Slow              |  | Dense  |
| Hamamelis vernalis                  | Vernal Witchhazel          | 6 - 10 ft             | 8 - 12 ft  | yellow to red, variable,<br>January thru February | multi-stemmed,<br>dense, rounded, neat<br>but variable, suckers   | full sun or<br>3/4 shade        | best in mois  | it yellow to gold                                     | No            | Medium            |  | Dense  |
| Hamamelis virginiana                | Common Witchhazel          | 10 - 25 ft            | 10 - 20 ft | yellow, November-October                          | irregular, rounded,<br>open crown. Large,<br>crooked, spreading<br>branches   | full sun or<br>shade            | moist soil,<br>avoid<br>extremely<br>dry                    | yellow  | Yes           | Medium            |  | Tends<br>toward<br>openness  |
| Hydrangea quercifolia               | Oak Leaf Hydrangea         | 4 - 8 ft              | 4 - 8 ft   | white, purplish pink,<br>June-July                | upright, little-<br>branched, irregular,<br>forms mounded<br>colonies   | sun or<br>partial<br>shade      | moist, well-<br>drained                                     | red, orangish-<br>brown, purple                       | Yes           | Slow to medium    |  | Medium to dense  |
| Lindera benzoin                     | Spicebush                  | 6 - 12 ft             | 6 - 12 ft  | yellow  | rounded shrub<br>outline, dense and<br>full in full sun   | full sun to<br>part shade       | moist, well-<br>drained<br>soils                            | yellow  | No            | Slow              |  | Loose and open   |
| Parthenocissus quinquefolia         | Virginia Creeper, Woodbine | 30 - 50 ft<br>or more |            | greenish white, June to July                      | vine with tendrils<br>with have 5-8<br>branches, will<br>literally cement itself<br>to the wall, will crawl<br>on structures and<br>ground; secretes<br>calcium carbonate<br>(adhesive) | full sun or<br>full shade       | will thrive<br>in<br>almost any<br>condition,<br>very hardy | purple-red to<br>crimson-red                          | Yes           | Fast              | will climb on<br>anything, very<br>aggressive                    | Dense  |
| Rhus aromatica 'Gro Lo'             | Gro Lo Fragrant Sumac      | 2 - 6 ft              | 6 - 10 ft  | yellowish, mid to late<br>March - April           | low, irregular<br>spreading, suckering,<br>dense  | full sun to<br>3/4 shade        | well<br>drained soil  | orange to red to reddish purple                       | No            | Slow              |  | Dense  |
| Spiraea x bumalda 'anthony waterer' | Anthony Waterer Spirea     | 3 - 4 ft              | 4 - 5 ft   | carmine-pink, late May to June                    | broad, flat-topped,<br>low, densely twiggy<br>with erect branches,<br>often mounded,<br>relatively refined  | full sun                        | cannot<br>tolerate<br>extremely<br>wet                      | wine red to russet<br>red                             | Hybrid        | Fast              | may naturalize   | Dense  |
| Syringa patula 'Miss Kim'           | Miss Kim Lilac,            | 3 ft                  | 3 ft       | icy blue, May-June                                | oval-rounded  | full sun to<br>partial<br>shade | normal to<br>moist  | reddish purple  | No            | Slow to medium    |  | Dense  |
| Viburnum x burkwoodii               | Burkwood Viburnum          | 8 - 10 ft             | 6 - 8 ft   | pink to white, April                              | upright, multi-<br>stemmed, straggly  | full sun to<br>partial<br>shade | slightly<br>moist, well-<br>drained                         | sporadic wine<br>red, evergreen in<br>south           | Hybrid        | Slow to<br>medium | Defoliated by<br>sulfur sprays,<br>prefers slightly acid<br>soil |  |
| Viburnum dilatatum                  | Linden Viburnum            | 8 - 10 ft             | 6 - 8 ft   | white, may to early June                          | upright, somewhat<br>leggy, open to dense,<br>variable  | full sun to<br>partial<br>shade | moist soil  | ranges from<br>bronze to<br>burgundy to<br>russet-red | No            | Slow to medium    | may naturalize   | leggy and<br>open or<br>dense and<br>compact<br>depending on<br>form |
| Viburnum x juddii                   | Judd Viburnum              | 6 - 8 ft              | 6 - 8 ft   | march-early april                                 | full and rounded  | full sun to<br>partial<br>shade | medium<br>moisture,<br>well-<br>drained                     | purple  | Hybrid        | Slow to<br>medium |  | medium   |

| Botanical Name    | Common Name         | Mature<br>Height | Mature<br>Spread | ☐ Bloom Color | Branching<br><u>Habit</u>                                    | <u>Sun</u>       | Water  | Fall Color                   | <u>Indiana</u><br><u>Native</u> | Growth Rate | Comments | Density            |
|-------------------|---------------------|------------------|------------------|---------------|--|------------------|--|------------------------------|---------------------------------|-------------|----------|--------------------|
| Viburnum plicatum | Doublefile Viburnum | 8 - 10 ft        | 9 - 11 ft        |               | horizontal, tiered<br>branching, rounded<br>to broad rounded | partial<br>shade | moist, well<br>drained soil,<br>will not<br>tolerate<br>poor<br>drainage | consistent<br>reddish purple |                                 | Medium      |          | Medium to<br>dense |

## City of Westfield Master Shrub List Evergreen Shrubs

| Botanical Name                            | Common Name                                       | Mature<br>Height | Mature<br>Spread | Bloom Color                             | Branching<br>Habit   | <u>Sun</u>                      | Water  | Fall Color | Indiana<br>Native | Growth<br>Rate            | Comments  | Density           |
|---|---|------------------|------------------|---|--|---------------------------------|--|------------|-------------------|---------------------------|---|-------------------|
| Evergreen Shrubs                          |   |                  |                  |   |  |                                 |  |            |                   |                           |   |                   |
| Arundinaria variegata                     | Dwarf Whitestripe Bamboo<br>or Gardener's Garters | 1 - 2 ft         |                  | rarely flowers                          | spreading  | full sun to<br>partial<br>shade | medium to<br>moist, well-<br>drained   | evergreen  |                   |                           |   |                   |
| Buxus microphylla                         | Littleleaf Boxwood                                | 3 - 4 ft         | 3 - 4 ft         | March-April, not showy but fragrant     | much-branched,<br>compact, dense,<br>rounded or broad-<br>rounded                | full sun or<br>light shade      | requires<br>cool,<br>moist<br>conditions   | evergreen  | No                | Slow                      |   | Dense and compact |
| Chamaecyparis obtusa 'nana'               | Hinoki False Cypress                              | 3 ft             | 4 ft             | yellow                                  | broad and conical<br>"wavy" branches,<br>flat topped,<br>irregular               | sunny but<br>protected          | moist, well-<br>drained  | evergreen  | No                | Very slow                 | a 90 year old<br>specimine was 20"<br>high and 25" wide | Dense             |
| Hedera helix                              | English Ivy                                       | up to 90 ft      |                  | greenish white, September<br>to October | high-climbing,<br>true-<br>clinging vine<br>attaching itself to<br>structures    | full sun or<br>heavy shade      | growth is<br>maximized<br>in rich,<br>moist<br>organic,<br>well-<br>drained soil | evergreen  | No                | Fast                      |   | Dense             |
| Ilex glabra 'compacta'                    | Compact Inkberry Holly                            | 4 - 6 ft         | 4 - 6 ft         | creamy, late May                        | compact, oval-<br>rounded habit,<br>fine-textured<br>branches, dense,<br>leggy   | full sun,<br>shade<br>tolerant  | moist soil   | evergreen  | Yes               | Slow, but<br>suckers fast |   | Dense and compact |
| llex x meserveae                          | Meserveae Holly                                   | 8 - 12 ft        | 8 - 12 ft        | white, early April to May               | pyramidal or<br>rounded,<br>horizontal or<br>irregular<br>branching              | shade                           | well-<br>drained   | evergreen  | Hybrid            | Medium                    |   | Dense             |
| Juniperus chinensis 'pfitzerana compacta' | Nick's Compact Juniper                            | 1 - 1.5 ft       | 6 ft             | yellow brown to orange<br>yellow, March | bushy, compact   | full sun                        | moist, well-<br>drained,<br>tolerates<br>dry soil<br>when<br>established         | evergreen  | No                | Slow                      |   | Dense             |
| Juniperus chinensis 'san jose'            | San Jose Juniper                                  | 1 - 2 ft         | 6-8ft            | yellow brown to orange<br>yellow, March | spreads<br>irregularly   | full sun                        | moist, well-<br>drained,<br>tolerates<br>dry soil<br>when<br>established         | evergreen  | No                | Medium to slow            | tolerant of urban conditions                            | Dense             |
| Juniperus communis                        | Common Juniper                                    | 5 - 10 ft        | 8 - 12 ft        | staminate yellow                        | ascending and<br>spreading<br>branches, or a<br>much-branched<br>sprawling shrub | full sun                        | common on<br>dry, sterile<br>soils   |            | No                | Slow                      | extremely soil<br>tolerant                              | Dense             |

## City of Westfield Master Shrub List Evergreen Shrubs

| Botanical Name                      | Common Name             | Mature<br>Height |            | Bloom Color                             | Branching<br>Habit  | <u>Sun</u>   | Water  | Fall Color               | Indiana<br>Native | Growth<br>Rate    | Comments   | Density                                  |
|-------------------------------------|-------------------------|------------------|------------|---|---|--|--|--------------------------|-------------------|-------------------|--|--|
| Juniperus conferta                  | Shore Juniper           | 1 - 2 ft         | 6 - 9 ft   | inconspicuous                           | dense, bushy,<br>procumbent   | full sun   | does not<br>tolerate<br>excess soil<br>moisture              | evergreen                | No                | Slow              | salt tolerant  | Dense                                    |
| Juniperus procumbens                | Japanese Garden Juniper | 1 - 2 ft         | 10 - 15 ft | staminate yellow                        | dwarf, long wide-<br>spreading stiff<br>branches                                      | needs full<br>sun  | thrives in adverse conditions                                | evergreen                | No                | Slow              | easily<br>transplantable                               | Dense                                    |
| Juniperus sabina                    | Savin Juniper           | 4 - 6 ft         | 5 - 10 ft  | non-flowering                           | extremely<br>variable from<br>gorund cover to<br>distinctly upright                   | full sun   | does well in<br>well-<br>drained and<br>dry soils            |                          | No                | Slow              | withstands city<br>conditions, prefers<br>cold climate | Dense                                    |
| Pachysandra terminalis              | Japanese Spurge         | 0.5 - 1 ft       |            | white, March to early April             | groundcover<br>spreading by<br>rhizomes and<br>forming a solid<br>mat                 | prefers<br>shade,<br>yellows in<br>sun, lives in<br>deep shade | moist, well-<br>drained<br>soils                             | evergreen                | No                | Medium to slow    |  | Dense                                    |
| Picea glauca 'conica'               | Dwarf Alberta Spruce    | 10 - 12 ft       | 3 - 5 ft   | pale red becoming yellow                | broadly conical   | full sun   | moist loam,<br>drought<br>tolerant                           | evergreen                | No                | Medium            |  | Dense when<br>young, opens<br>with age   |
| Pinus mugo                          | Mugho Pine              | 5 - 20 ft        | 10 - 25 ft | monoecious                              | usually low, broad<br>spreading and<br>bushy  | sun or<br>partial<br>shade                                     | deep, moist<br>loam  | evergreen                | No                | Slow              |  | Dense                                    |
| Rhododendron PJM hybrids            | PJM Rhododendrons       | 3 - 6 ft         | 3 - 6 ft   | bright lavender pink,<br>mid-late April | rounded   | full sun to<br>partial<br>shade                                | moist,<br>organic<br>well-<br>drained soil                   | plum purple<br>evergreen | Hybrid            | Slow to<br>medium |  | Dense                                    |
| Taxus baccata 'repandens'           | Dwarf English Yew       | 2 - 4 ft         | 12 - 15 ft | green, march - april                    | pendulous tips to<br>branches, dense  | sun or<br>shade  | moist, must<br>be very well<br>drained                       | - evergreen              | No                | Slow              |  | Dense                                    |
| Taxus x media                       | Anglo-Japanese Yew      | 2 - 20 ft        | 2 - 20 ft  | green                                   | broad-pyramidal,<br>variable  | shade or<br>sun  | moist,<br>sandy loam,<br>well-<br>drained                    | Evergreen                | Hybrid            | Slow              |  | can become<br>dense                      |
| Tsuga canadensis 'Abbott's Pygmy'   | Canadian Hemlock        | 1.5 ft           | 1.5 ft     | non-flowering                           | dense, pyramidal  | part shade<br>to full shade                                    | not drought  | evergreen                | No                | ?Medium           |  | Dense                                    |
| Tsuga canadensis 'Gracilis'         | Canadian Hemlock        | 2 - 3 ft         | 4 - 5 ft   | non-flowering                           | flat topped,<br>spreading, dwarf,<br>broad drooping<br>branches and an<br>open center | part shade<br>to full shade                                    | medium   | evergreen                | No                | ?Medium           |  | Dense                                    |
| Tsuga canadensis 'Stockman's Dwarf' | Canadian Hemlock        | 1.5 - 3 ft       | 2 - 4 ft   | non-flowering                           | upright, conical,<br>densely needled,<br>drooping end of<br>branches                  | part shade<br>to full shade                                    | medium   | evergreen                | No                | ?Medium           |  | Dense                                    |
| Yucca filamentosa                   | Yucca or Adam's Needle  | 2 - 4 ft         | 2 - 4 ft   | white, July-August                      | low, stiffly erect<br>and spreading<br>leaves   | full sun to<br>partial<br>shade                                | variety of<br>soil<br>moisture,<br>not<br>excessively<br>wet | evergreen                | No                | Medium to slow    |  | Thick leaves,<br>coarse<br>texture, open |

### City of Westfield Master Shrub List Drought Tolerant Shrub

| Botanical Name           | Common Name                | Mature<br>Height | Mature<br>Spread | Bloom Color  | Branching<br>Habit   | <u>Sun</u>                      | Water   | Fall Color                                | Indiana<br>Native | Growth<br>Rate   | Comments  | Density    |
|--------------------------|----------------------------|------------------|------------------|--|--|---------------------------------|---|---|-------------------|--|---|------------|
| Drought Tolerant Shrub   | S                          |                  |                  |  |  |                                 |   |   |                   |  |   |            |
| Actinidia arguta         | Bower Actinidia, Tara Vine | 25 - 30 ft       |                  | whitish or greenish<br>white, May to June                | Vigorous, high<br>climbing, twining<br>vine which<br>requires support                    | full sun or<br>partial<br>shade | very<br>adaptable,<br>can thrive<br>in rock hard<br>clay                          | yellowish green                           | No                | Fast   | fruit is edible -<br>kiwi   | Dense      |
| Akebia quinata           | Fiveleaf Akebia            | 20 - 40 ft       |                  | Chocolate purple to rosy<br>purple, March to early April | Twining vine or rampant groundcover  | sun or<br>shade                 | adaptable<br>to<br>drought<br>and<br>moisture                                     | no fall color                             | No                | Fast   |   | Dense      |
| Berberis thunbergii      | Japanese Barberry          | 3 - 6 ft         | 4 - 7 ft         | yellow, april-may  | much-branched,<br>very dense<br>rounded  | full sun                        |   | orange, scarlet,<br>and reddish<br>purple | No                | Medium   |   | Dense      |
| Celastrus scandens       | American Bittersweet       | 20 ft            |                  | yellowish white, May to<br>June                          | vigorous, twining<br>vine or vine-like<br>shrub which<br>engulfs every<br>fence in sight | full sun for<br>best fruiting   | withstands<br>dry<br>conditions,<br>plant in<br>poor soil to<br>restrict<br>vigor |   | Yes               | Fast   | Often confused<br>with oriental<br>bittersweet, which<br>is invasive                        | Dense      |
| Chaenomeles speciosa     | Flowering Quince           | 6 - 10 ft        | 6 - 10 ft        | scarlet to red, April                                    | rounded, broad-<br>spreading, dense<br>twiggy, variable                                  | full sun or<br>partial<br>shade | does well in<br>dry<br>conditions   | no fall color                             | No                | Medium   | branches spiny  | Very dense |
| Cotoneaster apiculatus   | Cranberry Cotoneaster      | 3 ft             | 3 - 6 ft         | pinkish, late May to early<br>June                       | low, wide-<br>spreading with<br>stiff branching<br>pattern,<br>mounding, dense           | full sun to<br>partial<br>shade | moist, well-<br>drained,<br>drought<br>tolerant                                   | bronzy red or<br>purplish                 | No                | Slow, can be<br>optimized with<br>water and<br>fertilization | may collect debri<br>in winter  | Dense      |
| Cotoneaster horizontalis | Rockspray Cotoneaster      | 2 - 3 ft         | 5 - 8 ft         | pink, late May to early June                             | low, flat, dense,<br>horizontally<br>spreading<br>branches, tiered<br>layered effect     | full sun or<br>light shade      | moist, well-<br>drained,<br>does well in<br>dry soils                             | reddish purple                            | No                | Slow to medium   |   | Dense      |
| Elaeagnus umbellata      | Autumn Olive               | 12 - 18 ft       | 12 - 18 ft       | silvery white, May-June                                  | spreading, often spiny-branched  | shade                           | excellent<br>drought<br>tolerance   | no fall color                             | No                | Fast   | incredibly salt<br>tolerant<br>(almost impossible<br>to kill), invasive,<br>nitrogen fixing | medium     |
| Juniperus horizontalis   | Creeping Juniper           | 1 - 2 ft         | 4 - 8 ft         | inconspicuous  | low-growing,<br>procumbent with<br>long, trailing<br>branches forming<br>mats            | full sun                        | withstands<br>hot dry<br>situations   | evergreen                                 | No                | Medium   | salt tolerant, blue<br>green in summer,<br>purple in winter                                 | Dense      |
| Juniperus sabina         | Savin Juniper              | 4 - 6 ft         | 5 - 10 ft        | non-flowering  | extremely<br>variable from<br>gorund cover to<br>distinctly upright                      | full sun                        | does well in<br>well-<br>drained and<br>dry soils                                 | evergreen                                 | No                | Slow   | withstands city<br>conditions, prefers<br>cold climate                                      | Dense      |

### City of Westfield Master Shrub List Drought Tolerant Shrub

| Divight foliant on up       |                            |                       |                  |   |  |                                 |  |                             |                   |                |   |  |
|-----------------------------|----------------------------|-----------------------|------------------|---|--|---------------------------------|--|-----------------------------|-------------------|----------------|---|--|
| <u>Botanical Name</u>       | Common Name                | Mature<br>Height      | Mature<br>Spread | Bloom Color                               | Branching<br>Habit   | <u>Sun</u>                      | Water  | Fall Color                  | Indiana<br>Native | Growth<br>Rate | Comments                                      | <u>Density</u>                         |
| Parthenocissus quinquefolia | Virginia Creeper, Woodbine | 30 - 50 ft<br>or more |                  | greenish white, June to July              | vine with tendrils<br>with have 5-8<br>branches, will<br>literally cement<br>itself to the wall,<br>will crawl on<br>structures and<br>ground; secretes<br>calcium carbonate<br>(adhesive) | full sun or<br>full shade       | will thrive in<br>almost any<br>condition,<br>very hardy | nurnle-red to               | Yes               | Fast           | will climb on<br>anything, very<br>aggressive | Dense                                  |
| Picea glauca 'conica'       | Dwarf Alberta Spruce       | 10 - 12 ft            | 3 - 5 ft         | pale red becoming yellow                  | broadly conical  | full sun                        | moist loam,<br>drought<br>tolerant                       | evergreen                   | No                | Medium         |   | Dense when<br>young, opens<br>with age |
| Prunus glandulosa           | Dwarf Flowering Almond     | 4 - 5 ft              | 13 - 4 ft        | pink or white, late April to<br>early May | spreading, weakly<br>multi-stemmed,<br>straggly  | full sun to<br>partial<br>shade | moderately<br>drought<br>tolerant                        |                             | No                | Medium         |   | Medium to open                         |
| Viburnum prunifolium        | Black Haw                  | 12 - 15 ft            | 8 - 12 ft        | white creamy, May                         | round headed,<br>stiffly branched  | sun or<br>shade                 | does well in<br>dry soil                                 | varies from purplish to red | Yes               | Slow           |   | Dense                                  |

### City of Westfield Master Shrub List Wet Soil Shrubs

| Botanical Name              | Common Name   | Mature<br>Height      |               | Bloom Color   | Branching<br><u>Habit</u>  | <u>Sun</u>                      | Water  | Fall Color                                     | Indiana<br>Native | Growth<br>Rate                    | Comments   | Density           |
|-----------------------------|---|-----------------------|---------------|---|--|---------------------------------|--|--|-------------------|-----------------------------------|--|-------------------|
| Wet Soil Shrubs             |   |                       |               |   |  |                                 |  |  |                   |                                   |  |                   |
| Akebia quinata              | Fiveleaf Akebia   | 20 - 40 ft            |               | Chocolate purple to rosy purple, March to early April | Twining vine or rampant groundcover  | sun or<br>shade                 | adaptable to drought and moisture  | no fall color                                  | No                | Fast                              |  | Dense             |
| Cornus racemosa             | Grey Dogwood  | 10 - 15 ft            | 10 - 15 ft    | whitish, late May to early June                       | strongly multi-<br>stemmed, erect-<br>growing,   | sun to full<br>shade            | wet or dry<br>soils  | purplish red, often<br>poor                    | Yes               | Shoots: fast<br>Old Wood:<br>slow |  | medium            |
| Galium odoratum             | Sweet Woodruff  | 0.5 - 1 ft            | 0.75 - 1.5 ft | white, april to may                                   | mat-forming<br>perennial<br>groundcover  | part shade<br>to full shade     | medium to we   | t  | No                | Medium to fast                    | can grow<br>aggressively in<br>favorable<br>conditions | Dense             |
| Hamamelis vernalis          | Vernal Witchhazel                                       | 6 - 10 ft             | 8 - 12 ft     | yellow to red, variable,<br>January thru February     | multi-stemmed,<br>dense, rounded,<br>neat but variable,<br>suckers   | full sun or<br>3/4 shade        | best in moist  | yellow to gold                                 | No                | Medium                            |  | Dense             |
| llex verticillata           | Winterberry, Black Alder,<br>Coralberry, Michigan Holly | 6 - 10 ft             | 6 - 10 ft     | white   | oval-rounded to<br>broad-rounded,<br>suckers   | full sun or<br>partial<br>shade | wet soil,<br>native to<br>swampy<br>conditions                                     | yellow to purple<br>tinged, not<br>significant | Yes               | Slow to<br>medium                 |  | Medium            |
| Ligustrum obtusifolium      | Border Privet   | 10 - 12 ft            | 12 - 15 ft    | white, early to mid-June,<br>unpleasantly fragrant    | multi-stemmed,<br>broad horizontal<br>branching  | full sun to<br>partial<br>shade | very adaptable   | russet to<br>purplish                          | No                | Medium                            | may naturalize   | medium            |
| Myrica pensylvanica         | Northern Bayberry, Candleberry                          | 5 - 12 ft             | 5 - 12 ft     | yellowish green catkins,<br>late march to april       | upright-rounded,<br>fairly dense,<br>suckers   | full sun to<br>half shade       | very adaptable   | no significant fall<br>change                  | No                | Medium                            | very salt<br>tolerant, nitrogen<br>fixing              | Dense             |
| Parthenocissus quinquefolia | Virginia Creeper, Woodbine                              | 30 - 50 ft<br>or more |               | greenish white, June to July                          | vine with tendrils<br>with have 5-8<br>branches, will<br>literally cement<br>itself to the wall,<br>will crawl on<br>structures and<br>ground; secretes<br>calcium carbonate<br>(adhesive) | full sun or<br>full shade       | will thrive in<br>almost any<br>condition,<br>very hardy                           | purple-red to<br>crimson-red                   | Yes               | Fast                              | will climb on<br>anything, very<br>aggressive          | Dense             |
| Viburnum opulus             | European Cranberry Bush                                 | 8 - 15 ft             | 8 - 15 ft     | white, may  | upright,<br>spreading, multi-<br>stemmed, arching<br>branches  | best in full                    | native to bog-<br>like situations  | yellow-red and reddish purple                  | No                | Medium                            |  | dense and compact |
| Wisteria frutescens         | American Wisteria                                       | 20 - 30 ft            |               | pale lilac-purple, June to<br>August                  | stout vine, climbs<br>by twining stems<br>which curve<br>clockwise to<br>develop twisted<br>woody trunks,<br>requires<br>significant<br>support  | full sun                        | occurs<br>naturally<br>along moist<br>shores of<br>streams,<br>ponds, and<br>lakes |  | Yes               | Fast                              |  | Dense             |